

Dipartimento di Scienze Mediche, Sezione di Igiene, Epidemiologia e Management Sanitario
Prof. Lamberto Manzoli

Ferrara, 28.06.17

Chiar.mo Prof. Roberto Manfredini
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Oggetto: Richiesta di approvazione di un ciclo di seminari dal titolo “La crisi di credibilità ed efficacia della ricerca scientifica: quali soluzioni?”, tenuto dal Prof. John P. Ioannidis.

Chiar.mo Direttore,

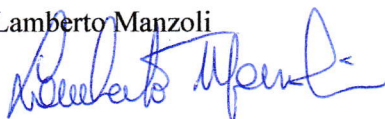
con la presente sono a chiedere cortesemente l’approvazione del Dipartimento per il ciclo di seminari dal titolo di cui all’oggetto, tenuto dal Prof. John P. Ioannidis. I seminari sono rivolti a personale docente, ricercatori, specializzandi, e studenti dell’area biomedica. Come sai, il Prof. Ioannidis è direttore di tre dipartimenti presso l’università di Stanford ed è uno dei massimi esperti sulla metodologia della ricerca epidemiologica. Egli ha approfondito, oramai da diversi anni, le problematiche inerenti la validità interna ed esterna delle evidenze scientifiche, il tema del conflitto di interessi, e del publication bias. Tutti questi temi sono ora oggetto di un vivace dibattito scientifico a livello nazionale ed internazionale, e si è manifestata da più parti l’esigenza di accrescere le competenze dei ricercatori e clinici in questi ambiti.

Grazie ad una fortunata coincidenza, il Prof. Ioannidis ha accettato di fare scalo per alcuni giorni a Ferrara, durante un percorso dagli USA a Madrid. L’occasione era unica per poter usufruire dell’esperienza di uno degli scienziati più citati al mondo in questo momento. Ho ritenuto quindi doveroso organizzare questo ciclo di seminari, che si terranno venerdì 7 luglio dalle 9 alle 11 (riservato ai docenti, presso la sede di Igiene), e dalle 11 alle 13 (aperto, presso il Castello Estense, sala Imbarcadero 2), e sabato 8 luglio dalle 9 alle 13 (riservato ai docenti ed agli specializzandi, presso la sede di Igiene).

Le spese di viaggio, vitto e alloggio saranno coperte da me direttamente. Sarà quindi prevista una spesa, da caricare interamente sui fondi FAR a me assegnati, esclusivamente per i seminari. La durata complessiva di questi sarà di ore 8, per un compenso lordo previsto di euro $120 \times 8 = 960,00$.

Si allega il Curriculum Vitae aggiornato del Prof. Ioannidis, e si porgono cari e distinti saluti,

Lamberto Manzoli



JOHN P.A. IOANNIDIS

Short biosketch, June 2017

C.F. Rehnberg Chair in Disease Prevention at Stanford University, Professor of Medicine, Professor of Health Research and Policy, and Professor (by courtesy) of Biomedical Data Science at the School of Medicine; Professor (by courtesy) of Statistics at the School of Humanities and Sciences; co-Director, Meta-Research Innovation Center at Stanford; Director of the PhD program in Epidemiology and Clinical Research.

Born in New York City in 1965 and raised in Athens, Greece. Valedictorian (1984) at Athens College; National Award of the Greek Mathematical Society (1984); MD (top rank of medical school class) from the National University of Athens in 1990; also received DSc in biopathology from the same institution. Trained at Harvard and Tufts (internal medicine and infectious diseases), then held positions at NIH, Johns Hopkins and Tufts. Chaired the Department of Hygiene and Epidemiology, University of Ioannina Medical School in 1999-2010 (tenured professor since 2003). Adjunct faculty for Tufts University since 1996 (professor rank since 2002), Director (2008-2010) of the the Center for Genetic Epidemiology and Modeling; also adjunct professor of epidemiology at Harvard School of Public Health and visiting professor of epidemiology and biostatistics at Imperial College. Member of the executive board of the Human Genome Epidemiology Network and Senior Advisor on Knowledge Integration at NCI/NIH (2012-6). Served as President, Society for Research Synthesis Methodology, and editorial board member of many leading journals (including PLoS Medicine, Lancet, Annals of Internal Medicine, JNCI, Science Translational Medicine, Clinical Chemistry, Molecular and Cellular Proteomics, AIDS, IJE, JCE, Clinical Trials, and PLoS ONE, among others) and as Editor-in-Chief of the European Journal of Clinical Investigation (2010-now). Delivered ~500 invited and honorary lectures. Recipient of many awards (e.g. European Award for Excellence in Clinical Science [2007], Medal for Distinguished Service, Teachers College, Columbia University [2015], Chanchlani Global Health Award [2017]). Inducted in the Association of American Physicians (2009), European Academy of Cancer Sciences (2010) American Epidemiological Society (2015), and European Academy of Sciences and Arts (2015). Honorary titles from FORTH (2014) and Ioannina (2015) and honorary doctorates from Rotterdam (2015) and Athens (2017). Multiple honorary lectureships (Caltech, Oxford, LSHTM, Yale, U Utah, UConn among others). The PLoS Medicine paper on “Why most published research findings are false” has been the most-accessed article in the history of Public Library of Science (>2 million hits). Author of 6 literary books in Greek, two of which (“Toccata for the Girl with the Burnt Face” (Kedros 2012) and “Variations on the Art of the Fugue and a Desperate Ricercar” (Kedros 2014)) were shortlisted for best book of the year Anagnostis awards. Brave Thinker scientist for 2010 according to Atlantic, “may be one of the most influential scientists alive”. Author of ~900 papers in peer-reviewed journals, 68% of papers as single/first/last author. Highly Cited Researcher according to Thomson Reuters in both Clinical Medicine and in Social Sciences. Citation indices: h=156, m=7 per Google Scholar (h=126 per ISI and Scopus). Current citation rates: ~2,500 new citations per month per Google Scholar, ~1,300 new citations per month per Scopus or Web of Knowledge.

Current citation rates suggest that I am among the 20 scientists worldwide who are currently the most commonly cited, perhaps also the currently most-cited physician. This probably only proves that citation metrics are highly unreliable, since I estimate that I have been rejected over 1,000 times in my life. Regardless, I consider myself privileged to have learned and to continue to learn from interactions with students and young scientists (of all ages) from all over the world and I love to be constantly reminded that I know next to nothing.

Detailed CV, June 2017

John P.A. Ioannidis, MD, DSc
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Stanford University School of Humanities and Sciences
Co-Director, Meta-Research Innovation Center at Stanford (METRICS)
Member, Stanford Cancer Institute
Member, Stanford Cardiovascular Institute
Affiliate, Stanford Center on Longevity
Affiliated faculty, Woods Institute for the Environment
Member, Stanford Center for Population Health Sciences
Faculty Fellow, Stanford Center for Innovation in Global Health
Program Director, PhD in Epidemiology and Clinical Research, Stanford University

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METRICS: metrics.stanford.edu
GoogleScholar: <http://scholar.google.com/citations?hl=en&user=A9e6sPYAAAAJ>

BACKGROUND

* Born 8/21/1965 in New York, NY, USA; married in 1993 to Despina Contopoulos-Ioannidis, MD (Clinical Associate Professor of Pediatrics/Pediatric Infectious Diseases, Stanford University School of Medicine); children: one daughter (Angeliki Diotima, born in Boston in 1994, graduate of UC Davis in Environmental Toxicology, pursuing postgraduate studies at UC Davis on Forensic Sciences)

* Citizenships: USA and Greece/European Union

* Languages: Greek, English, French, German, and Italian.

EDUCATION

Undergraduate: Athens College, Athens, Greece (1984). Valedictorian, rank number 1 in my class
Medical degree: University of Athens, Athens, Greece, M.D. (1990). Grade: Excellent, rank number 1 in my class
Residency: Internal Medicine, New England Deaconess Hospital, Harvard Medical School, Boston, MA, USA 1990-3.
Fellowship: Infectious Diseases, New England Medical Center Hospitals, Tufts University School of Medicine, Boston, MA, USA 7/93-6/96 (concurrently doing research at the Division of Clinical Care Research, currently Institute for Clinical Research and Health Policy Studies).
Doctoral thesis: Department of Biopathology, University of Athens School of Medicine (“Development of human brain cultures, isolation of microglial cells and study of their infection with HIV-1”) – DSc Grade: Excellent, defended and awarded in 1996.

CURRENT APPOINTMENTS

2010- Professor of Medicine and Director, Stanford Prevention Research Center, Stanford University School of Medicine, Stanford, USA (appointed 8/2010)
2010- C.F. Rehnborg Chair in Disease Prevention, Stanford University
2010- Member, Stanford Cancer Institute
2010- Member, Stanford Cardiovascular Institute
2011- Professor of Health Research and Policy, Stanford University School of Medicine (joint appointment)
2011- Professor of Statistics, Stanford University School of Humanities and Sciences (courtesy appointment)
2011- Affiliated faculty, Woods Institute for the Environment
2013- Affiliate, Stanford Center on Longevity
2013- Co-Director, Meta-Research Innovation Center at Stanford (METRICS)
2013- Program Director, PhD in Epidemiology and Clinical Research, Stanford University
2015- Member, Stanford Center for Population Health Sciences
2015- Faculty Fellow, Stanford Center for Innovation in Global Health
2017- Professor of Biomedical Data Science, Stanford University School of Medicine (courtesy appointment)

PAST APPOINTMENTS AND TITLES

1990-3 Clinical Fellow in Medicine, Harvard Medical School, Boston, Massachusetts, USA
1993-6 Clinical and Research Fellow, New England Medical Center Hospitals, Tufts University School of Medicine, Boston, Massachusetts, USA
1996-8 Medical Officer, HIV Research Branch, Division of AIDS, National Institute of Allergy and Infectious Diseases, National Institutes of Health, Bethesda, Maryland, USA (career position; responsible for the co-ordination, design, support and medical monitoring of NIAID-sponsored clinical trials of HIV therapeutics research with emphasis on concept trials, large trials and community trials)
1996-8 Assistant Professor of Medicine (part-time), Infectious Diseases, Johns Hopkins University School of Medicine, Baltimore, Maryland, USA
1996-8 Assistant Professor of Medicine (adjunct), Department of Medicine, Tufts University School of Medicine, Boston, Massachusetts, USA
1996-8 Associate Medical Staff, Johns Hopkins Hospital, Baltimore, Maryland, USA.

	Attending, HIV Clinic
1998-2001	Associate Professor of Medicine (adjunct), Department of Medicine, Tufts University School of Medicine, Boston, Massachusetts, USA
2002-	Professor of Medicine (adjunct), Department of Medicine, Tufts University School of Medicine, Boston, Massachusetts, USA. Since 10/2008, Director of the Genetics/Genomics component of the Tufts Clinical and Translational Science Institute (2008-2010) and of the Center for Genetic Epidemiology and Modeling, Institute for Clinical Research and Health Policy Studies, Tufts Medical Center, Boston, USA. Adjunct Professor, Tufts Clinical and Translational Science Institute.
1998-2003	[Elected 5/98], Associate Professor (tenured) and Chairman, Department of Hygiene and Epidemiology, University of Ioannina School of Medicine, Ioannina, Greece
2003-2010	[Elected 12/2003], Professor (tenured) and Chairman, Department of Hygiene and Epidemiology, University of Ioannina School of Medicine, Ioannina, Greece
2010-	Professor of Epidemiology (adjunct), Harvard School of Public Health, Boston, USA
2010-2014	Visiting Professor of Epidemiology and Biostatistics, Imperial College London, UK
2010-2016	Division chief, Stanford Prevention Research Center/Department of Medicine, Stanford University School of Medicine

PEER-REVIEWED PUBLICATIONS IN INTERNATIONAL JOURNALS

1. *Ioannidis JPA, Samarel MD, Lau J, Drapkin MS.* Risk of gastrointestinal bleeding from dexamethasone in children with bacterial meningitis (letter). **Lancet** 1994, 343:792.
2. *Ioannidis JPA, Iacoviello VR, Samore MH.* Insulin-dependent diabetes in AIDS. **AIDS** 1994, 8:556-7.
3. *Ioannidis JPA, Snyderman DR, Rohrer RJ, Freeman RB, Haug CE.* Aspergillus fumigatus infection in a biloma (letter). **Clinical Infectious Diseases** 1995, 20:1427-8.
4. *Ioannidis JPA, Cappelleri JC, Lau J, Skolnik PR, Meville B, Chalmers TC, Sacks HS.* Early or deferred zidovudine in HIV-infected patients without an AIDS-defining illness. A meta-analysis. **Annals of Internal Medicine** 1995, 122:856-66.
5. *Ioannidis JPA, Skolnik PR, Chalmers TC, Lau J.* Human leukocyte antigen associations of epidemic Kaposi's sarcoma. **AIDS** 1995, 9:649-51.
6. *Ioannidis JPA, Griffiths J, Worthington M, Snyderman DR.* Spectrum and significance of bacteremia due to *Moraxella catarrhalis*. **Clinical Infectious Diseases** 1995, 21:390-7.
7. *Ioannidis JPA, Cappelleri JC, Skolnik PR, Lau J, Sacks HS.* A meta-analysis of the relative efficacy and toxicity of *Pneumocystis carinii* prophylactic regimens. **Archives of Internal Medicine** 1996, 156:177-88.
8. *Ioannidis JPA, Merino F, Drapkin M, Lew M, Cohn L.* Pneumococcal aortitis in the antibiotic era. **Archives of Internal Medicine** 1995, 155:1678-80.
9. *Ioannidis JPA, Reichlin S, Skolnik PR.* Long-term productive HIV-1 infection in human infant microglia. **American Journal of Pathology** 1995, 147:1200-6.
10. *Barza M, Ioannidis JPA, Cappelleri JC, Lau J.* Single or multiple daily doses of aminoglycosides: a meta-analysis. **British Medical Journal** 1996, 312:338-45. See also accompanying editor-invited commentary in the same issue. See also comments and reply in 1996, 313:490-1.
11. *Ioannidis JPA, Cappelleri JC, Lau J, Sacks HS, Skolnik PR.* Predictive value of viral load in asymptomatic untreated HIV-1 infection. A mathematical model. **AIDS** 1996, 10:255-62.
12. *Ioannidis JPA, Cappelleri JC, Schmid CH, Lau J.* Impact of epidemic and individual heterogeneity on the population distribution of disease progression rates. An example from populations of trials of human immunodeficiency virus infection. **American Journal of Epidemiology** 1996, 144:1074-85.
13. *Ioannidis JPA, Cappelleri JC, Lau J.* Viral load and response to treatment of HIV (letter). **New England Journal of Medicine** 1996, 334:1671-3.
14. *Cappelleri JC, Ioannidis JPA, Schmid CH, deFerranti SD, Aubert M, Chalmers TC, Lau J.* Large trials versus meta-analysis of smaller trials: how do their results compare? **JAMA** 1996, 276:1332-8. See also comments

- and reply in 1997, 277:376-77.
15. Lau J, *Ioannidis JPA, Schmid CH*. Quantitative synthesis in systematic reviews. **Annals of Internal Medicine** 1997, 127:820-6.
 16. *Ioannidis JPA, Lau J*. On meta-analyses of meta-analyses (letter) **Lancet** 1996, 348:756.
 17. *Ioannidis JPA, Sacks HS, Cappelleri JC, Lau J*. Clinical efficacy of antiretroviral changes in HIV-infected patients with prior antiretroviral treatment. A meta-analysis **Online Journal of Current Clinical Trials** 15 May 1997, (Doc. 204).
 18. *Bonis PAL, Ioannidis JPA, Cappelleri JC, Kaplan MM, Lau J*. Correlation of biochemical response to alpha interferon with histological improvement in hepatitis C: A meta-analysis of diagnostic test characteristics **Hepatology** 1997, 26:1035-44.
 19. *Ioannidis JPA, Cappelleri JC, Melville B, Sacks HS, Lau J*. The relationship between study design, results and reporting of randomized clinical trials of HIV-1 infection. **Controlled Clinical Trials** 1997, 18:431-44.
 20. *Ioannidis JPA, Bassett R, Hughes MD, Sacks HS, Volberding PA, Lau J*. Predictors and impact of patients lost to follow-up in a long-term trial of early versus deferred antiretroviral therapy. **Journal of Acquired Immune Deficiency Syndromes and Human Retrovirology** 1997, 16:22-30.
 21. *Ioannidis JPA*. Effect of the statistical significance of results on the time to completion and publication of randomized efficacy trials. **JAMA** 1998, 279:281-6. See also accompanying editorial at 279:319-20.
 22. *Ioannidis JPA, Dixon DO, McIntosh M, Albert JM, Bozzette S, Schnittman SM*. Relationship between event rates and treatment effects in clinical site differences within multicenter trials. **Controlled Clinical Trials** 1999, 20:253-66.
 23. *Ioannidis JPA, Lau J*. The impact of high risk patients on the results of clinical trials. **Journal of Clinical Epidemiology** 1997, 50:1089-98.
 24. *DeFerranti SD, Ioannidis JPA, Lau J, Anninger W, Barza M*. Are amoxicillin and folate inhibitors as effective as other antibiotics for acute sinusitis? A meta-analysis. **British Medical Journal** 1998, 317:632-7.
 25. *Wynia M, Ioannidis JPA, Lau J*. Analysis of lifelong strategies to prevent *Pneumocystis carinii* pneumonia in patients with variable HIV progression rates. **AIDS** 1998, 12:1317-25.
 26. *Ioannidis JPA, McQueen P, Goedert JJ, Kaslow RA*. Use of neural networks to model complex immunogenetic associations of disease: HLA impact on the progression of HIV infection **American Journal of Epidemiology** 1998, 147:464-71.
 27. *Albert JM, Ioannidis JPA, Reichelderfer P, Conway B, Coombs RW, Crane L, Demasi R, Dixon DO, Flandre P, Hughes MD, Kalish LA, Larnitz K, Lin D, Marschner IC, Munoz A, Murray J, Neaton J, Pettinelli C, Rida W, Taylor JMG, Welles SL for the NIAID workshop on surrogate endpoints participants*. Statistical issues for HIV surrogate endpoints: point/counterpoint. **Statistics in Medicine** 1998, 17:2735-62.
 28. *Lau J, Ioannidis JPA, Schmid CH*. Summing up evidence: one answer is not always enough. **Lancet** 1998, 351:123-7. See also accompanying editorial in 351:8.
 29. *Contopoulos-Ioannidis DG, Ioannidis JPA*. Maternal cell-free viremia in the natural history of perinatal HIV-1 transmission. A meta-analysis. **Journal of Acquired Immune Deficiency Syndromes and Human Retrovirology** 1998, 18:126-35.
 30. *Ioannidis JPA, Cappelleri JC, Lau J*. Meta-analyses and large randomized controlled trials (letter). **New England Journal of Medicine** 1998, 338:59-62.
 31. *Ioannidis JPA, Goedert JJ, McQueen PG, Enger C, Kaslow RA*. Comparison of viral load and HLA statistical and neural network predictive models for the rate of HIV disease progression across two cohorts of homosexual men. **Journal of Acquired Immune Deficiency Syndromes and Human Retrovirology** 1999, 20:129-36.
 32. *Ioannidis JPA, Collier AC, Cooper DA, Corey L, Fiddian AP, Gazzard B, Griffiths PD, Contopoulos-Ioannidis DG, Lau J, Pania AT, Saag MS, Spruance S, Youle MS*. Clinical efficacy of acyclovir in patients with human immunodeficiency virus infection: a meta-analysis of randomized individual patient data. **Journal of Infectious Diseases** 1998, 178:349-59.
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- proposed evaluation algorithm. **American Journal of Epidemiology** 1998, 148:1117-26.
34. Ioannidis JPA, Cappelleri JC, Lau J. Issues in comparisons between meta-analyses and large trials. **JAMA** 1998, 279:1089-93.
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 36. Ioannidis JPA, Contopoulos-Ioannidis DG. Reporting of safety data from randomised trials. **Lancet** 1998, 352:1752-3.
 37. Ioannidis JPA, Contopoulos-Ioannidis DG, Lau J. Recursive cumulative meta-analysis: a diagnostic for the evolution of total randomized evidence from group and individual patient data. **Journal of Clinical Epidemiology** 1999, 52:281-91.
 38. Ioannidis JPA, O'Brien TR, Rosenberg PS, Contopoulos-Ioannidis DG, Goedert JJ. Genetic effects on HIV disease progression (letter). **Nature Medicine** 1998, 4:536.
 39. Havlir DV, Marschner I, Hirsch M, Colier AC, Tebas P, Bassett R, Ioannidis JPA, Holohan MK, Leavitt R, Boone G, Richman DD for the AIDS Clinical Trials Group 343 Study Team. Maintenance antiretroviral therapy in HIV-infected patients who have achieved undetectable plasma HIV RNA with triple combination therapy. **New England Journal of Medicine** 1998, 339:1261-8. See also accompanying editorial in the same issue, pp. 1319-21.
 40. Ioannidis JPA, Lau J. Meta-analysis: a science of bias, dissent and diversity. **SGIM Forum** 1998, 21: 5,11 (editorial).
 41. Ioannidis JPA, Taba ET, Kummwenda N, Broadhead R, Mtimavalye L, Miotti P, Yellin F, Contopoulos-Ioannidis DG, Biggar RJ. Predictors and impact of losses to follow-up in a HIV-1 perinatal transmission cohort in Malawi. **International Journal of Epidemiology** 1999, 28:769-75.
 42. Ioannidis JPA, Lau J. Can quality of clinical trials and meta-analysis be quantified? **Lancet** 1998, 352:590-1 (editorial).
 43. Ioannidis JPA, O'Brien TR, Goedert JJ. Evaluation of guidelines for the initiation of highly active antiretroviral therapy in a longitudinal cohort of HIV-infected patients. **AIDS** 1998, 12: 2417-23.
 44. Ioannidis JPA, Lau J. Benefits and limitations of meta-analysis. **Joint Commission Journal of Quality Improvement** 1999, 25:462-9.
 45. Ioannidis JPA, Moutsopoulos HM. Sjogren's syndrome: too many associations, too limited evidence. **Seminars in Arthritis and Rheumatism** 1999, 29:1-3.
 46. Ioannidis JPA, Lau J. State-of-the-evidence: current status and prospects of meta-analysis in infectious diseases. **Clinical Infectious Diseases** 1999, 29:1178-85.
 47. HIV Trialists' Collaborative Group (including Ioannidis JPA). Meta-analyses of the randomised evidence on zidovudine, didanosine and zalcitabine in the treatment of HIV infection. **Lancet** 1999, 353:2014-25. See also editorial in the same issue, pp. 1989-90.
 48. Ioannidis JPA, Schmid CH, Lau J. Meta-analysis in hematology and oncology. **Hematology/Oncology Clinics of North America** 2000, 14:973-91.
 49. Mavragani CP, Ioannidis JPA, Tzioufas AG, Hantoumi IE, Moutsopoulos HM. Recurrent pregnancy loss and autoantibody profile in autoimmune diseases. **Rheumatology** 1999, 38:1228-33.
 50. Boletis JN, Ioannidis JPA, Boki KA, Moutsopoulos HM. Intravenous immunoglobulin compared with cyclophosphamide for proliferative lupus nephritis. **Lancet** 1999, 354:569-70.
 51. Sipsas NV, Kokori SI, Ioannidis JPA, Kyriaki D, Tzioufas AG, Kordassis T. Circulating autoantibodies to erythropoietin are associated with HIV-1 related anemia. **Journal of Infectious Diseases** 1999, 180:2044-7.
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 53. Ioannidis JPA, Boki KA, Katsorida M, Drosos AA, Boletis JN, Skopouli FN, Moutsopoulos HM. Remission, relapse, and re-remission of proliferative lupus nephritis treated with cyclophosphamide. **Kidney International** 2000, 57:258-64.

54. *Ioannidis JPA, Tektonidou MG, Vlachoyiannopoulos PG, Stavropoulos-Giokas C, Spiropoulou M, Reville J, Arnett FC, Moutsopoulos HM.* HLA associations of anti-beta2 glycoprotein I response in a Greek cohort with antiphospholipid syndrome and meta-analysis of four ethnic groups. **Human Immunology** 1999, 60:1274-80.
55. *Skopouli FN, Dafni U, Ioannidis JPA, Moutsopoulos HM.* Clinical evolution, mortality and morbidity of primary Sjogren's syndrome. **Seminars in Arthritis and Rheumatism** 2000, 29:296-304.
56. *Rizou C, Ioannidis JPA, Panou-Pomoni E, Sakarrellos, Sakarellos-Daitsiotis, Moutsopoulos HM, Vlachoyiannopoulos PG.* B-cell epitope mapping of DNA topoisomerase I defines epitopes strongly associated with pulmonary fibrosis in systemic sclerosis. **American Journal of Respiratory Cell and Molecular Biology** 2000, 22:344-51.
57. *Ioannidis JPA, Contopoulos-Ioannidis DG.* Maternal viral load and perinatal transmission of HIV-1. **New England Journal of Medicine** 1999, 341:1698-1700 (letter).
58. *Voulgarelis M, Kokori SIG, Ioannidis JPA, Tzioufas AG, Kyriaki D, Moutsopoulos HM.* Anaemia in systemic lupus erythematosus: aetiologic profile and the role of erythropoietin. **Annals of the Rheumatic Diseases** 2000, 59:217-22.
59. *Baxter JD, Mayers DL, Wentworth DN, Neaton JD, Hoover ML, Winters M, Mannheimer S, Thompson M, Abrams DI, Brizex B, Ioannidis JPA, Merigan TC and the CPCRA 046 Study Team for the Terry Bein Community Programs for Clinical Research on AIDS.* A randomized study of antiretroviral management based on plasma genotypic antiretroviral resistance testing in patients failing therapy. **AIDS** 2000, 14:F83-93.
60. *O'Brien TR, McDermott DH, Ioannidis JPA, Carrington M, Murphy PM, Havlir DV, Richman DD.* Effect of chemokine receptor gene polymorphisms on the response to potent antiretroviral therapy. **AIDS** 2000, 14:821-6.
61. *Mathys JM, Melanson SM, Schiffer-Alberts DJ, Ioannidis JP, Kozjel H, Skolnik PR.* NF-kB modulates TNF-alpha production by alveolar macrophages in asymptomatic HIV-seropositive individuals. **Journal of Immunology** 2000, 164:1588-94.
62. *Tektonidou MG, Petrovas CA, Ioannidis JPA, Vlachoyiannopoulos PG, Moutsopoulos HM.* Clinical importance of antibodies against platelet activating factor in antiphospholipid syndrome manifestations. **European Journal of Clinical Investigation** 2000, 30:646-52.
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64. *Ioannidis JPA, Havlir DV, Tebas P, Hirsch MS, Collier AC, Richman DD.* Dynamics of HIV-1 viral load rebound among patients with previous suppression of viral replication. **AIDS** 2000, 14:1481-8.
65. *Goules A, Masouridi S, Tzioufas AG, Ioannidis JPA, Skopouli FN, Moutsopoulos HM.* Clinically significant and biopsy-documented renal involvement in primary Sjogren's syndrome. **Medicine** 2000, 79:241-9.
66. *Spoulou V, Victoratos P, Ioannidis JPA, Grafakos S.* Kinetics of antibody concentration and avidity for the assessment of immune response to pneumococcal vaccine among children with bone marrow transplants. **Journal of Infectious Diseases** 2000, 182:965-9.
67. *Ioannidis JPA, Lau J.* Evidence for the diagnosis and treatment of acute uncomplicated sinusitis in children: a systematic overview. **Pediatrics** 2001, 108: e57.
68. *Ioannidis JPA, Hesketh PJ, Lau J.* Contribution of dexamethasone to control of chemotherapy-induced nausea and vomiting: a meta-analysis of randomized evidence. **Journal of Clinical Oncology** 2000, 18:3409-22.
69. *Tektonidou MT, Ioannidis JPA, Moysakis I, Boki KA, Vassiliou V, Vlachoyiannopoulos PG, Moutsopoulos HM.* Right ventricular diastolic dysfunction in patients with anticardiolipin antibodies and antiphospholipid syndrome. **Annals of the Rheumatic Diseases** 2001, 60:43-48.
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Authorship position analysis

Among these 852 articles: first author in 262 articles (single author in 117 articles), last author in 314 articles, author in other positions in 276 articles; single/first/last author position in 68% of articles (576/852). Among the 276 articles not single/first/last-authored: second author in 77, one of several senior authors with equal contributions in many others.

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41. Daniela Seminara, Muin J. Khoury, Thomas R. O'Brien, Teri Manolio, Marta L. Gwinn, Julian Little, Julian P. T. Higgins, Jonine L. Bernstein, Paolo Boffetta, Melissa Bondy, Molly S. Bray, Paul E. Brenchley, Patricia A. Bufper, Juan Pablo Casas, Anand P. Chokkalingam, John Danesh, George Davey Smith, Siobhan Dolan, Ross Duncan, Nelleke A. Gruis, Mia Hashibe, David Hunter, Marjo-Riitta Jarvelin, Beatrice Malmer, Demetrius M. Maraganore, Julia A. Newton-Bishop, Elio Riboli, Georgia Salanti, Emanuela Taioli, Nic Timpson, Andre G. Uitterlinden, Paolo Vineis, Nick Wareham, Deborah M. Winn, Ron Zimmern, and [John P. A. Ioannidis](#). The emergence of networks in human genome epidemiology: Challenges and opportunities. In: Human Genome Epidemiology: Building the evidence for using genetic information to improve health and prevent disease, 2nd edition. Editors: Muin Khoury, Sara Bedrosian, Marta Gwinn, Julian Higgins, [John Ioannidis](#), Julian Little. Oxford University Press, 2010.
42. Julian Little, Julian P.T. Higgins, [John P.A. Ioannidis](#), David Moher, France Gagnon, Erik von Elm, Muin J. Khoury, Barbara Cohen, George Davey-Smith, Jeremy Grimshaw, Paul Scheet, Marta Gwinn, Robin E. Williamson, Guang Yong Zou, Kim Hutchings, Candice Y. Johnson, Valerie Tait, Miriam Wiens, Jean Golding, Cornelia van Duijn, John McLaughlin, Andrew Paterson, George Wells, Isabel Fortier, Matthew Freedman, Maja Zecevic, Richard King, Claire Infante-Rivard, Alex Stewart, and Nick Birkett. STrengthening the REporting of Genetic Association Studies (STREGA) - An extension of the STROBE statement. In: Human Genome Epidemiology: Building the evidence for using genetic information to improve health and prevent disease, 2nd edition. Editors: Muin Khoury, Sara Bedrosian, Marta Gwinn, Julian Higgins, [John Ioannidis](#), Julian Little. Oxford University Press, 2010.
43. Ntzani EE, Khoury MJ, [Ioannidis JPA](#). Combining molecular and genetic data from different sources. IARC textbook on molecular epidemiology 2011.
44. Looking behind the numbers. Interview at New Scientist 2008, 197:44-45
45. Papanikolaou P, [Ioannidis JP](#). Assessment of harm. In: Randomized clinical trials of nonpharmacologic treatments, 2011.
46. [Ioannidis JPA](#). CONSORT extension for better reporting of harms. In: User's guide to reporting guidelines, 2011.
47. The credibility of research. Interview at European Heart Journal 2011, 32:1574-5.
48. Preface to the Greek translation of the User's Guide to the Medical Literature, Parisianos, Athens, 2011.
49. Brignardello-Petersen R, Lacchetti C, Ioannidis J, Tomlinson G, Guyatt G. Surprising results of randomized trials. In: User's Guide to the Medical Literature: A manual for evidence-based clinical practice. McGraw Hill and JAMA, 3rd edition, 2014.
50. Levine M, Ioannidis J, Haines T, Guyatt G. Harm (observational studies). In: User's Guide to the Medical Literature: A manual for evidence-based clinical practice. McGraw Hill and JAMA, 3rd edition, 2014.
51. Montori V, Ioannidis J, Oxman A, Cook D, Guyatt G. Summarizing the evidence: fixed-effects and random-effects models. In: User's Guide to the Medical Literature: A manual for evidence-based clinical practice. McGraw Hill and JAMA, 3rd edition, 2014.

52. Guyatt G, Straus S, Meade MO, Kunz R, Cook DJ, Devereaux PJ, Ioannidis J. Therapy (randomized trials). In: User's Guide to the Medical Literature: A manual for evidence-based clinical practice. McGraw Hill and JAMA, 3rd edition, 2014.
53. Murad MH, Montori VM, Ioannidis JPA, Neumann I, Hatala R, Meade MO, Devereaux PJ, Wyer P, Guyatt G. Understanding and applying the results of a systematic review. In: User's Guide to the Medical Literature: A manual for evidence-based clinical practice. McGraw Hill and JAMA, 3rd edition.
54. Sun X, Ioannidis JPA, Agoritsas T, Alba C, Guyatt G. In: User's Guide to the Medical Literature: A manual for evidence-based clinical practice. McGraw Hill and JAMA, 3rd edition, 2014.
55. Montori V, Ioannidis J, Guyatt G. Reporting bias. In: User's Guide to the Medical Literature: A manual for evidence-based clinical practice. McGraw Hill and JAMA, 3rd edition, 2014.
56. Carrasco-Labra A, Montori V, Ioannidis JPA, Jaeschke R, Devereaux PJ, Walsh M, Schünemann H, Bhandari M, Guyatt G. Dealing with misleading presentations of clinical trial results. In: User's Guide to the Medical Literature: A manual for evidence-based clinical practice. McGraw Hill and JAMA, 3rd edition, 2014.
57. Mills EJ, Ioannidis JPA, Thorlund K, Schünemann HJ, Puhan MA, Guyatt GH. How to use an article reporting a multiple treatment comparison meta-analysis. In: User's Guide to the Medical Literature: A manual for evidence-based clinical practice. McGraw Hill and JAMA, 3rd edition, 2014.
58. Ioannidis JPA. Reproducible unbiased evidence. In: To save humanity - 100 Ideas for 1 Problem: What matters more for a healthy future. Julio Frenk and Steven Hoffman, editors. Oxford University Press, 2016.
59. Ioannidis JP. Statistical biases in science communication: what we know about them and how can they be addressed? In: The science of science communication, Oxford University Press (in press).

MEETING ABSTRACTS:

(Co)-authored several hundreds of abstracts included in proceedings of international meetings (the majority presented as oral presentations). I don't keep detailed records.

ACADEMIC AWARDS AND HONORS (selected)

1983	Dolashik Prize.
1984	Valedictorian, class of 1984 - highest Athens College honor. Athens College Mathematics Award, John Vakis Award for Natural Sciences, Emmanuel Benakis Prize in History.
1984	Honorary scholarship, State Scholarship Foundation for top admission rank in the University of Athens, School of Medicine (UASM)
1984	First Prize of the National Mathematical Society annual national competition.
1984-90	Honorary annual scholarships, State Scholarship Foundation for being in the top 2 % of the class of 1990.
1990	Graduated summa cum laude at top rank (n. 1) from the School of Medicine.
1992, 1993	Annual Resident Awards, Department of Radiology, Deaconess Hospital.
1995	Maxwell Finland Young Investigator Award, Massachusetts Infectious Diseases Society.
2000	Giannatos Prize
2003	Ikkos Prize
2005	Annual graduation plenary speaker, Department of Epidemiology, U Rotterdam, Rotterdam, Netherlands
2007	Great Teachers lecture series, National Institutes of Health, Bethesda
2007	Award for Excellence in Clinical Science, European Society for Clinical Investigation (award ceremony and lecture in Uppsala, Sweden, April 2007)

- 2007 Thomas C. Chalmers award, Cochrane Collaboration (best presentation, presenting young researcher: Nikolaos Patsopoulos).
- 2009 Election (regular member), Association of American Physicians
- 2010 Election (fellow), European Academy of Cancer Sciences
- 2011 Stars in Nutrition and Cancer lecture series, National Cancer Institute, National Institutes of Health, Bethesda
- 2012 Sigma Tau Foundation lectures in complexity, U Florence and Mario Negri Institute, Italy
- 2013 Commencement speaker, graduation ceremony, Department of Statistics, University of California, Berkeley
- 2013 Samuel O. Thier lectureship, Yale University, New Haven
- 2014 Honorary Member, Foundation for Research and Technology-Hellas (FORTH) (ceremony and lecture in FORTH, Crete, December 2014)
- 2015 Medal for Distinguished Service, Teachers College, Columbia University (awarded in convocation ceremony in the Cathedral of St John the Divine New York, May 2015)
- 2015 Litchfield Lectureship, Oxford University (Oxford, June 2015)
- 2015 Honorary professor (ομότιμος καθηγητής), University of Ioannina, Greece (official ceremony at Ioannina, June 2015)
- 2015 Honorary doctorate, Erasmus University Rotterdam (official ceremony in the 102th dies Natalis, November 9, 2015).
- 2015 Election (member), American Epidemiological Society
- 2015 Bradford Hill annual lecture, London School of Hygiene and Tropical Medicine, London, UK
- 2015 Inaugural Usher lecture, Usher Institute of Population Health Sciences and Informatics, University of Edinburgh (also launched the Institute in launching ceremony)
- 2015 Election (member), European Academy of Sciences and Arts (official induction in the Festplenum of March 7, 2016)
- 2016 Robert Levine lectureship, Yale University
- 2016 William and Myrtle Harris distinguished lectureship in Science and Civilization, Caltech
- 2016 Berlin Health Institute inaugural lecture
- 2016 T.H. Seldon Memorial Lecture, International Anesthesia Research Society
- 2016 Snyder lectureship, University of Utah
- 2016 23rd annual Anatomy Lesson, Academic Medical Center and Free University of Amsterdam, delivered at the Concergebouw, Amsterdam, Netherlands
- 2016 Award for lifetime contribution to science, Hellenic Pharmaceutical Society (Ελληνική Φαρμακευτική Εταιρεία), Athens, Greece
- 2016 Honorary PhD (health sciences), University of Athens (ceremony in 2/2017)
- 2017 Chanchlani Global Health Award, McMaster University, Hamilton, ON, Canada (ceremony in 2/2017)
- 2017 Annual Distinguished Investigator, University of Connecticut School of Medicine and Health Center
- 2017 David-Sackett-Preis 2017 (jointly with Lars Hemkens and Despina Contopoulos-Ioannidis), Deutsche Netzwerk Evidenzbasierte Medizin (ceremony 3/2017)
- 2017 Election, Councilor, Association of American Physicians (term of leadership appointment: 2017-2022)

MEDICAL BOARDS

Licensing: ECFMG certificate 8/90. FLEX: Massachusetts, 6/91. Board of Registration in

Medicine of Massachusetts (8/91). Board of Physician Quality Assurance of Maryland (10/96)

Board-certification Internal Medicine (1993) and Infectious Disease (1996), American Board of Internal Medicine - Also board-certified in Internal Medicine (1995) and in Infectious Diseases (1997; re-certified 2001) in Greece.

Current practice: In Europe I have provided free consultation/second opinion for difficult cases in internal medicine, infectious diseases and AIDS, when requested, at the Ioannina University Hospital and whenever people ask me. I have declined salary support for such activity and I do not have a private medical practice. My principle is that I have not accepted payment for providing medical services or consultation since I finished my specialty training. I have not practiced medicine in the USA during my appointment at Stanford.

TEACHING EXPERIENCE (selectively)

1984-5	Gave seminars on advanced statistics and mathematics for medical students, organized in collaboration with faculty from the laboratories of anatomy and medical physics, University of Athens School of Medicine.
1987-9	Gave seminars on neurochemistry and neurobiology topics, organized in collaboration with faculty from the laboratory of experimental pharmacology, University of Ioannina School of Medicine
1990-3	Clinical fellow in Medicine, Harvard Medical School, preceptor for the Introduction to Clinical Diagnosis course; Harvard Medical School.
1993-6	Clinical and Research Fellow, New England Medical Center Hospitals, preceptor for the Introduction to Physical Diagnosis, Pharmacology (antibiotics), and Infectious Diseases courses, Tufts University School of Medicine.
1996	Intensive Course on Methods in Clinical Research, Johns Hopkins University School of Medicine.
1997	Advanced Meta-analysis course, Johns Hopkins University School of Hygiene and Public Health.
1997	Design and Analysis of Controlled Trials and Evidence-based Medicine, National Institute of Arthritis and Musculoskeletal and Skin Diseases, National Institutes of Health.
1999-2010	Director of faculty and teacher for the courses Evidence-Based Medicine/Epidemiology/Clinical research Methods/Public Health I (5 th semester) and Evidence-based medicine/Epidemiology/Clinical Research methods/Public Health II (6 th semester), University of Ioannina School of Medicine
2000-2010	Director of faculty and teacher for the Biomathematics and Biostatistics course (1 st semester), University of Ioannina School of Medicine
1999-2006	Medical Oncology course, (7 th semester), University of Ioannina School of Medicine
1999, 2000	Statistical Methods in Medical Research course, MSc in Biostatistics, University of Athens and University of Ioannina.
2000	Meta-analysis course, MSc in Biostatistics, University of Athens and University of Ioannina
2000-2010	Responsible for the training for 1 month of all General Medicine residents during their training at the University Hospital and General Hospital of Ioannina; several residents from other area hospitals also came for training.
2001ff	“Design of clinical research”, “Appraisal of Therapeutic Interventions”, “Causality and bias in clinical research”, MSc in Social Psychiatry, U Ioannina
2003	Genetic Epidemiology course, Sackler postgraduate program, Tufts University

- 2005 Evidence-Based Oncology course, European School of Oncology course, Bonn, Germany, 7/2005
- 2006 Clinical Studies and Objective Medicine course, Bodrum, Turkey, 4/2006
- 2006 European School of Genetic Medicine, 2nd Course in Statistical Genetic Analysis of Complex Phenotypes: Focus on Association Studies, Bertinoro di Romagna, Italy, 5/2006.
- 2006ff Course director and teacher, Molecular and Translational Epidemiology course, Sackler School of Graduate Biomedical Sciences, Tufts University, Boston, USA, 6/2006, 3/2009
- 2006 Integrating the Evidence on Gene-Disease Associations: Methods and applications of HuGE systematic reviews, MRC Biostatistics Unit, Cambridge, HuGE Net course, 9/2006
- 2007 NYU Post-Graduate Medical School Clinical Research Methodology Course: Randomized Clinical Trials and the Real World, Hospital for Joint Diseases, New York, NY, December 2007.
- 2008 “Meta-analysis” and “Uncertainty, Bayes, and decision making”, Seminar of Epidemiology and Clinical Research Methods, Hellenic Society of Nephrology, 3/2008.
- 2008 Science and the Web course, Summer School organized at Mediterranean Institute for Life Sciences (MedILS), Split, Croatia, 7/26-8/2/2008
- 2008 Large-scale Multicenter Studies course, Erasmus Summer Programme in Quantitative Medical Research, Erasmus University Rotterdam and Nijmegen, Netherlands, 8/2008.
- 2008 PhD course on Clinical Epidemiology, University of Copenhagen, Denmark, courses on systematic reviews and meta-analysis, genome-wide association studies, and credibility of research findings, October 2008.
- 2008 Advanced course, Special topics in Epidemiology: Meta-analysis, Università Cattolica del Sacro Cuore, Rome, November 17-21, 2008.
- 2010 Evidence Based Epidemiology, course EPI509, Harvard School of Public Health (January 2010).
- 2010 Organizer, ESCI Intensive Course on the Principles and Practice of Clinical Research, October 2010.
- 2011 Evidence Based Epidemiology, course EPI509, Harvard School of Public Health (January 2011).
- 2011 Meta-research, course Statistics STAT211/Medicine MED 206/Health Research and Policy HRP206, Stanford University, winter quarter.
- 2011 Invited professor, 2011 Annual Haendel lectures, University of Halle-Wittenberg, Halle, Germany (October 2011).
- 2011 Invited professor, Replication and biases in molecular research, Iberoamerican Cochrane Center and Autonomous University of Barcelona, Hospital de la Santa Creu i Sant Pau, Barcelona, Spain (October 2011).
- 2011 Testing for excess significance, Advanced workshop, Cochrane Colloquium, Madrid, Spain (October 2011).
- 2012 Evidence Based Epidemiology, course EPI519, Harvard School of Public Health (January 2012).
- 2012 Meta-research, course Statistics STAT211 / Medicine MED 206 / Health Research and Policy HRP206, Stanford University, winter quarter.
- 2012 Genetic Epidemiology course HRP228, Stanford University, spring quarter
- 2012 Meta-research and knowledge integration course, National Cancer Institute, National Institutes of Health (April 2012)

2012 Invited lecturer, Clinical Trials course HRP251, Stanford University, spring quarter

2013 Evidence Based Epidemiology, course EPI519, Harvard School of Public Health (January 2013)

2013 Meta-research, course Statistics STAT211 / Medicine MED206 / Health Research and Policy HRP206, Stanford University, winter quarter

2013 Invited lecturer, Clinical Trials course HRP251, Stanford University, spring quarter “Clinical trials: pitfalls in design and interpretation”

2013-2014 Program Director, PhD in Epidemiology and Clinical Research, Stanford University (in design/approval stage 2013-2014).

2013 “Dilemmas in the use of evidence for clinical decisions”, Advances and Perspectives in Medicine Lecture, Stanford Medical School

2014 Evidence Based Epidemiology, course EPI519, Harvard School of Public Health (January 2014)

2014 Meta-research, course Statistics STAT211 / Medicine MED206 / Health Research and Policy HRP206, Stanford University, winter quarter

2014 Invited lecturer, Genes and Environment in Disease Causation: Implications for the Practice of Medicine and Public Health course HRP 238, Stanford University, spring quarter

2014 Genetic Epidemiology course HRP228, Stanford University, spring quarter

2014- Program Director, PhD in Epidemiology and Clinical Research, Stanford University (approved by the faculty senate in May 2014, first students started in September 2014).

2014 Invited lecturer, Clinical Trials course HRP251, Stanford University, spring quarter “Clinical trials: pitfalls in design and interpretation”

2015 Evidence Based Epidemiology, course EPI519, Harvard School of Public Health (January 2015)

2015 Meta-research, course Statistics STAT211 / Medicine MED206 / Health Research and Policy HRP206, Stanford University, winter quarter

2015 Invited lecturer, Clinical Trials course HRP251, Stanford University, spring quarter “Clinical trials: pitfalls in design and interpretation”

2016 Meta-research, course Statistics STAT211 / Medicine MED206 / Health Research and Policy HRP206, Stanford University, winter quarter

2016 Lecturer, Community Health and Prevention Research course CHRP 240, Stanford University, winter quarter “Why most (prevention) research is false”

2016 Scientific method and bias, undergraduate course MED73, Stanford University, winter quarter

2016 “Why most published (prevention) research findings are false: reproducibility, publication bias and meta-analysis”, Community Health and Prevention Research MS program, Stanford University, winter quarter

2016 Invited lecturer, Clinical Trials course HRP251, Stanford University, spring quarter “Clinical trials: pitfalls in design and interpretation”

2016 Course director and lecturer, “Prediction and predictive markers”, Erasmus Summer School, Rotterdam, August 2016

2016 Masterclass on Reproducible Research and Meta-research, University of Amsterdam and Academic Medical Center, Amsterdam, November 2016

2017 Meta-research, course Statistics STAT211 / Medicine MED206 / Health Research and Policy HRP206, / Community Health and Prevention Research CHPR 206, Stanford University, winter quarter

2017 Lecturer, Community Health and Prevention Research course CHRP 240, Stanford University, winter quarter

- 2017 Scientific method and bias, undergraduate course MED73, Stanford University, winter quarter
- 2017 The Cosmopolitan Introvert: Modern Greek Poetry and its Itinerants, scheduled for fall quarter (Department of Comparative Literature, Stanford University School of Humanities and Sciences)
- 2017 Invited lecturer, Clinical Trials course HRP251, Stanford University, spring quarter
“Clinical trials: pitfalls in design and interpretation”

INVITED LECTURES:

I have given approximately 500 invited and honorary lectures in 33 countries (USA, Greece, Canada, Netherlands, Austria, Finland, England, Scotland, France, Ireland, Italy, Spain, Portugal, Hungary, Sweden, Germany, Switzerland, Czech Republic, Belgium, Cyprus, Turkey, South Africa, China, Botswana, Japan, Norway, Croatia, Denmark, Singapore, Romania, Luxembourg, Taiwan, Qatar). I have received several thousands of invitations to give lectures.

Selected invited and honorary lectures:

1. “Introduction to the philosophy of death”, Athens College, 1984 (in Greek).
2. Opening plenary lecture: "Brain sciences, Pharmacology and the Greek Scientific Heritage", 2nd International Meeting of the European Behavioral Pharmacology Society, Athens, Greece, August 1988.
3. “Pathogenesis of HIV encephalopathy”, New England Deaconess Hospital, Boston, MA, USA, December 1992.
4. “Implications of heterogeneity for clinical trials, meta-analysis, and modeling”, Department of Biomathematical Sciences, Mount Sinai School of Medicine, New York, USA, December 1995.
5. “Modeling heterogeneity in meta-analysis”, Center for Clinical Trials, Johns Hopkins School of Medicine, Baltimore, MD, USA, September 1996.
6. “Impact of losses to follow-up in long-term trials”, 22nd AIDS Clinical Trials Group meeting, Washington D.C., USA, December 1996.
7. “Modeling non-linear relationships with neural networks: immunogenetic associations of HIV disease progression”; Statistical Center, Multicenter AIDS Cohort Study (MACS), Johns Hopkins School of Hygiene and Public Health, Baltimore, MD, USA, February 1997.
8. “Overviewing overviews in HIV infection: potential and challenges”, Cochrane HIV CRG meeting, San Francisco, CA, USA, March 1997.
9. “Presence of a threshold effect in RNA and CD4 measurements”, ENAR meeting of the International Biometrics Society (HIV Surrogate Endpoints Workshop), Memphis, TN, USA, March 1997.
10. “Meta-analysis in infectious diseases”; HIV Clinic, NIH Clinical Center, Bethesda, MD, USA. April 1997.
11. “Heterogeneity in clinical trials and meta-analysis”, Division of AIDS, National Institute of Allergy and Infectious Diseases, National Institutes of Health, Rockville, MD, USA, October 1997.
12. “Neural network modeling of progression to AIDS”, Division of Cancer Epidemiology and Genetics, National Cancer Institute, National Institutes of Health, Rockville, MD, USA, October 1997.
13. “Meta-analysis - pooling data or drowning by numbers: a debate”, Society for General Internal Medicine, Annual meeting. Participants: JPA Ioannidis, John Bailar (Prof. Emeritus, U Chicago/Statistical Editor New England Journal of Medicine), Neil Powe (Prof. of Medicine, Johns Hopkins U). Chicago, IL, USA, April 1998.
14. “Evidence-based medicine for infectious diseases”, State of the Art Interdisciplinary Review Course, U Athens, Athens, Greece, May 1998.
15. “Differing perspectives: Is meta-analysis a reasonable alternative to large randomized trials?”, debate

- session – debating participants: JPA Ioannidis and Carl Kupfer (Director, National Eye Institute, National Institutes of Health). International Cochrane Colloquium, Baltimore, MD, USA, October 1998.
16. “Prostate cancer: epidemiology and risk factors”, Institute of Pathology, U Ioannina, Ioannina, Greece, October 1999.
 17. “Neural networks in modeling complex immunologic associations”, American Society of Tropical Medicine and Hygiene, Washington, D.C., USA, December 1999.
 18. “Meta-epidemiology of research and evaluation research”, 2nd Conference of the National School of Public Health (ESDY), Athens, Greece, February 2000.
 19. “Epidemiology of salivary gland cancer”, Institute of Pathology, U Ioannina, Ioannina, Greece, May 2000.
 20. “Research projects for cumulative randomized evidence in mental health”, EU-PSI meeting, Helsinki, Finland, September 2000.
 21. “Meta-epidemiology of meta-analysis”, European workshop on meta-analysis of epidemiologic studies, Santorini, Greece, October 2000.
 22. “Epidemiology of lung cancer: evidence from meta-analyses”, European School of Oncology, Nicosia, Cyprus, November 2000.
 23. “Analytical issues in the meta-epidemiology of meta-analysis”, Brown University School of Medicine, Department of Community Health and Center for Statistical Sciences, Providence, RI, USA, February 2001.
 24. “Empirical methodological research with large-scale evidence”, Division of Clinical Care Research, Department of Medicine, New England Medical Center, Boston, MA, USA, February 2001.
 25. “Safety reporting in randomized trials”, CONSORT meeting, Barcelona, Spain, September 2001.
 26. “Evidence-based medicine and meta-epidemiology”, Keynote lecture at opening ceremony of 7th Congress of the European Association of Hospital Pharmacists, Vienna, Austria, March 2002.
 27. “Evolution of effects over time: recursive cumulative meta-analysis in randomized research and molecular medicine”, Mathematical Sciences Research Institute, Berkeley, CA, USA, May 2002.
 28. “Comparison of randomized vs. non-randomized studies”, Mathematical Sciences Research Institute, Berkeley, CA, USA, May 2002.
 29. “Meta-analysis in genetics”, Tufts-New England Medical Center, Boston, MA, USA, May 2002.
 30. “Critical meta-analysis of lupus nephritis treatment”, 5th European Conference on SLE, Athens, Greece, May 2002.
 31. “How to evaluate the outcome measures in a multisystemic and multidisciplinary disease”, 5th European Conference on SLE, Athens, Greece, May 2002.
 32. “Incorporating adverse events in systematic reviews”, 4th Symposium on Systematic Reviews, St. Catherine’s College, Oxford University, Oxford, UK, July 2002.
 33. “Evolution of treatment effects for mental health interventions”, EU-PSI meeting, Bristol, UK, September 2002.
 34. “Appraisal of guidelines - AGREE dissemination in Greece”, AGREE meeting, Paris, France, November 2002.
 35. “Ethical issues in biomedical research”, Workshop on perinatal HIV-1 transmission, Roundtable, Kasane, Botswana, January 2003.
 36. “Meta-analysis of polygenes”, 2nd Workshop on the Genetic of Bone Diseases, European Calcified Tissue Society, Davos, Switzerland, February 2003.
 37. “Meta-analysis and evidence-based medicine in rheumatology”, Marmaris, Turkey, May 2003.
 38. “Safety reporting in randomized trials”, CONSORT meeting, Ottawa, Canada, May 2003.
 39. “Including adverse events in trial reports”, Workshop on Rare Events, British Medical Journal and Cochrane Collaboration, London, UK, June 2003.
 40. “Publication bias: new insights”, Publication bias Workshop, Vail, CO, USA, August 2003.

41. "Problems and promises of genetic association studies", Genetics of Common Disorders, Academy of Athens, Institute for Medical and Biological Research, Athens, October 3, 2003.
42. "Large-scale evidence and meta-analysis in genetic epidemiology", Institute of Medical Sciences, Aberdeen, Scotland, January 23, 2004.
43. "Meta-analysis in human genetics", National Tumor Institute, Milan, Italy, March 29, 2004.
44. "Genetic epidemiology", 14th European Conference on Clinical Microbiology and Infectious Diseases, Prague, Czech Republic, May 2, 2004.
45. "Coreceptor mutations and HIV-1 disease progression", University of Regensburg, Germany, May 13, 2004.
46. "CONSORT guidelines for reporting of harms", LENT V Workshop, Rochester, NY, USA, May 20, 2004.
47. "Quantitating the effects of polygenes by meta-analysis", European Calcified Tissue Society, Nice, France, June 8, 2004.
48. "What does secondary research and meta-analyses tell us about effectiveness of mental health interventions?", Paulo Foundation Symposium 2004: Effectiveness Research in Psychiatry, Lahti, Finland, May 27, 2004.
49. "Using randomized evidence for understanding adverse events", Epidemiology Days WEON, University of Leiden, Leiden, Netherlands, June 11, 2004.
50. "The value of meta-analysis in rheumatology research), Autoimmune Rheumatic Disease Days, in honor of Prof. HM Moutsopoulos, Athens, June 24-26, 2004.
51. "Antiretroviral therapy: past, present and future", European Society for Clinical Microbiology and Infectious Diseases, Athens, Greece, June 26, 2004.
52. "Immunogenetics of mother-to-child transmission", Federation of Mediterranean Obstetrics and Gynecological Societies, Palermo, Italy, October 9, 2004.
53. "Reporting biases", Meta-analysis in genetic epidemiology workshop, Cambridge, UK, November 3, 2004.
54. "Meta-analysis of individual participant data", Meta-analysis in genetic epidemiology workshop, Cambridge, UK, November 3, 2004.
55. "Meta-analysis", SNP and human disease workshop, Erasmus Medical Center and University of Rotterdam, Rotterdam, Netherlands, November 2004
56. "Integration bioinformatics: promises and challenges", First International Meeting on Pharmacogenetics of Osteoarticular Disorders", Florence, Italy, January 21-22, 2005.
57. "Meta-analysis in molecular medicine", National Institute of Public Health / University of Tokyo, Tokyo, Japan, February 2005.
58. "Meta-analysis in molecular medicine", University of Kyoto School of Public Health, Kyoto, Japan, February 2005.
59. "Do pharmacogenetics and pharmacogenomics fulfill their promises?" Debate with Hugh E. Montgomery from University College London, plenary at the 10th meeting of the European Association of Hospital Pharmacists, Lisbon, Portugal, March 2005.
60. "Meta-analysis in molecular medicine", Erasmus University Rotterdam, Department of Epidemiology and Biostatistics, Netherlands, April 4, 2005.
61. "Quantitative issues and biases in molecular research", Department of Biological Chemistry, University of Ioannina School of Medicine, Ioannina, Greece, April 6, 2005.
62. "Host genetics: methodology perspective for research in observational databases", Plenary presentation, 9th International Workshop on HIV Observational Databases, Budapest, Hungary, April 21-24, 2005.
63. "Meta-analysis in human genome epidemiology with application in Parkinson's disease", Workshop on Advances in Molecular Genetics and Epidemiology of Parkinson's Disease, Pitie-Salpetriere Hospital, Paris, France, May 13, 2005.

64. "Meta-analysis in genetics", Tele-presentation at Genetics of Prematurity Workshop, Office of Genomics and Disease Prevention, CDC, Atlanta, USA, May 23, 2005.
65. "Translation and replication: empirical evidence", Plenary talk, Symposium on Translational Research for Innovative Infectious Disease Control, WHO, Geneva, Switzerland, May 30, 2005.
66. "Common pitfalls in the reporting of systematic reviews", QUOROM meeting, Ottawa, Canada, June 1-3, 2005.
67. "Molecular bias", Annual Graduation Plenary Lecture, Department of Epidemiology and Biostatistics, Erasmus University Rotterdam, Netherlands, June 22, 2005.
68. "Using evidence at the bedside: generalizability, external validity and subgroup analysis", European School of Oncology, Evidence-Based Oncology, Bonn, Germany, July 2005.
69. "Selected methodological issues of evidence review", Plenary lecture, KDIGO guideline development on kidney disease and hepatitis C infection, Boston, USA, July 2005.
70. "Candidate genes in endocrinology- pitfalls", plenary at European Congress of Endocrinology, Goteborg, Sweden, September 7, 2005.
71. "Replication issues and large-scale evidence in pharmacogenomics", Joint Cold Spring Harbor Laboratory/Wellcome Trust Conference on Pharmacogenomics, Hinxton, Cambridge, UK, September 14-18, 2005.
72. "Guideline development – procedures and instruments for appraisal", EULAR recommendations for SLE workshop, Zurich, Switzerland, Sept 30-Oct 1, 2005.
73. "Bias in molecular epidemiology", Bradford Hill Seminar, Cambridge University, Cambridge, UK, October 2005.
74. "A network of investigator networks in human genome epidemiology", Cambridge, UK, October 6-7, 2005.
75. "Is really HIV multi-drug resistance a marker of poor survival?", Workshop on HIV Multi-drug Resistance, Rome, Italy, October 14-15, 2005.
76. "Candidate genes and meta-analysis", Erasmus University Rotterdam, Netherlands, October 21, 2005.
77. "Ethics and integrity in scientific research", Erasmus University, Medical Faculty/Molecular Medicine Program, Rotterdam, Netherlands, October 2005.
78. "Meta-analysis in public health: potential and problems", plenary workshop, European Public Health Association annual conference, Graz, Austria, November 11, 2005.
79. "Association studies", CHAVI meeting, London, UK, December 16, 2005.
80. "Human Genome Epidemiology Roadmap: the Network of Networks", plenary lecture, ECNIS Workshop, Athens, Greece, January 11, 2006.
81. "Reporting of harms in non-pharmacological trials", CONSORT meeting, Paris, France, Feb 8-10, 2006.
82. "Evidence-based molecular medicine", Top 10 on infectious diseases, Henry Dunant Hospital, Athens, Greece, February 2006.
83. "Credibility, replication and translation of research findings", grand rounds, University of California Davis, Medical Center, Davis/Sacramento, USA 2/21/2006.
84. "Estimating the odds of truth in a research finding", plenary lecture, 6th International Campbell Colloquium, Los Angeles, USA, 2/23/2006 (discussants: Jeremy Grimshaw, William Shadish).
85. "Methodological problems in discovery-oriented research", Molecular Medicine Tri-conference, Moscone Center, San Francisco, USA, 2/24/2006.
86. "Meta-analysis", In: The Role of DNA Polymorphisms in complex Diseases", Colloquium organized by the Royal Dutch Academy of Arts and Sciences (KWAN), Trippenhuys, Amsterdam, Netherlands, 15/3/2006.
87. "Neo-adjuvant vs. adjuvant therapy: evidence from randomized trials", plenary at 5th European Breast Cancer Conference, Nice, France, 23/3/2006.
88. "Assessing the credibility of clinical research findings", grand rounds in Pediatrics, University Hospital,

- Ioannina, Greece, 29/3/2006.
89. "The significance of statistically significant findings", Debate, 14th national Conference on Clinical Oncology, Ioannina, Greece, April 2006.
 90. "Meta-analysis", Clinical Studies and Objective Medicine course, Bodrum, Turkey, April 14-16, 2006.
 91. "Reporting adverse events in randomized trials", Clinical Studies and Objective Medicine course, Bodrum, Turkey, April 14-16, 2006.
 92. "Meta-analysis for association studies", in European School of Genetic Medicine, 2nd Course in Statistical Genetic Analysis of Complex Phenotypes: Focus on Association Studies, Bertinoro di Romagna, Italy, May 5, 2006.
 93. "Testing lifestyle interventions in randomized clinical trials", LifeGENE workshop, Karolinska Institute, Sigtuna, Sweden, May 8-9, 2006.
 94. "Estimating effects of risk alleles in populations using multicentre approaches and by meta-analysis", plenary talk at Genetic Aspect of Bone Disease: methods and applications, Prague, Czech Republic, May 10, 2005.
 95. "Why most published research findings should not be put into clinical practice", plenary talk, Society for Clinical Trials 27th Annual Meeting, Orlando, USA, May 24, 2006.
 96. "Developing guidelines for genetic association research", EQUATOR workshop, Oxford, UK, May 31, 2006.
 97. "Methodological problems and replication in discovery-oriented clinical research", Centro Nacional de Investigaciones Oncologicas, Genomics and Medicine lecture series, Madrid, Spain, June 13, 2006.
 98. "Road map for efficient and reliable human genome epidemiology", STREGA workshop, Ottawa, Canada, June 15-16, 2006.
 99. "Empirical evidence on reporting of genetic association studies", STREGA workshop, Ottawa, Canada, June 15-16, 2006.
 100. "Inferences on causation on single studies", STREGA workshop, Ottawa, Canada, June 15-16, 2006.
 101. "The use of meta-analyses on the safety of medications", plenary talk, International Conference on Pharmacoepidemiology, International Society for Pharmacoepidemiology, Lisbon, Portugal, August 24, 2006.
 102. "Whole genome association study (LEAPS) replication findings", 2nd annual meeting of Genetic Epidemiology in Parkinson disease, Santorini, Greece, September 10-12, 2006.
 103. "The Human Genome Epidemiology Network (HuGENet)", 2nd annual meeting of Genetic Epidemiology in Parkinson disease, Santorini, Greece, September 10-12, 2006.
 104. "Meta-analysis in molecular epidemiology", University of Alabama Birmingham School of Public Health, Department of Biostatistics, Division of Statistical Genetics, Birmingham, Alabama, USA, September 2006.
 105. "Why most published research findings are false", Symposium on "Statistics, Images, and Perceptions of Truth: Detecting Research Bias and Misconduct", University of Alabama Birmingham School of Philosophy and Center for Ethics and Office of Research Integrity, plenary, Birmingham, Alabama, USA, September 14-15, 2006.
 106. "Is molecular profiling ready for use in clinical decision making?", plenary symposium, European Society for Medical Oncology, Istanbul, Turkey, Sept 29-Oct 2, 2006.
 107. "Genetic epidemiology: where are we? Where we should go?", closing plenary, Spanish Society of Epidemiology, Annual Conference, Logrono, Spain, October 6, 2006.
 108. "Nesting lifestyle randomized trials in biobanks", Life GENE meeting, tele-presentation, Sigtuna, Sweden, October 2006.
 109. "The Human Genome Epidemiology Network: making sense of 10,000,000 postulated genetic risk factors", Cochrane Colloquium, plenary, Dublin, Ireland, October 26, 2006.
 110. "HIV treatment: are we doing the right studies?", plenary talk Austrian National AIDS annual

- conference, October 27-29, Innsbruck, Austria, October 27-29.
111. “Literature-based vs. individual participant data meta-analysis”, Integrating the Evidence on Gene-Disease Associations: Methods and applications of HuGE systematic reviews, MRC Biostatistics Unit, Cambridge, HuGE Net course, Cambridge, UK, November 6-8, 2006.
 112. “Reporting bias”, Integrating the Evidence on Gene-Disease Associations: Methods and applications of HuGE systematic reviews, MRC Biostatistics Unit, Cambridge, HuGE Net course, Cambridge, UK, November 6-8, 2006.
 113. “The bigger picture: networks, consortia and field synopses”, Integrating the Evidence on Gene-Disease Associations: Methods and applications of HuGE systematic reviews, MRC Biostatistics Unit, Cambridge, HuGE Net course, Cambridge, UK, November 6-8, 2006.
 114. “Meta-analysis in human genome epidemiology”, plenary talk, annual meeting, International Genetic Epidemiology Society, Tampa, FL, USA, November 16-17, 2006.
 115. “Meta-analyses in genetic epidemiology: making sense of 10.000.000 postulated genetic risk factors”, Institute Mario Negri, Milano, Italy, November 27, 2006.
 116. “Evidence-based medicine: a tool to verify and evaluate uncertainty, plenary at Symposium on “Areas of Uncertainty in Medicine”, Instituto Superiore di Sanita, Roma, Italy, November 28, 2006.
 117. “Genetic epidemiology: a HuGE experience”, invited lecture, London School of Hygiene and Tropical Medicine, London, UK, January 30, 2007.
 118. “Replication and non-replication: from candidate genes to genome-wide associations”, invited lecture, Wellcome Trust Centre for Human Genetics and Oxford University, Oxford, UK, January 31, 2007.
 119. “Claims that do not replicate in medical trials”, symposium lecture, American Association for the Advancement of Science (AAAS) annual meeting, San Francisco, CA, USA, February 16, 2007.
 120. “Translation, replication and credibility of research findings”, Great Teachers series, grand rounds at NIH Clinical Center, Bethesda, MD, USA, March 14, 2007.
 121. “Molecular evidence-based medicine: evolution and integration of information in the genomic era”, lecture on the receipt of the European Award for Excellence in Clinical Science, European Society for Clinical Investigation annual meeting, Uppsala University main amphitheater, Sweden, April 2007.
 122. “Meta-analysis in the genome-wide association setting”, SNP and complex diseases symposium, Amsterdam, Netherlands, April 2007.
 123. “Replication and validation for complex pathways in molecular epidemiology”, invited lecture, Approaches to Complex Pathways in Molecular Epidemiology, AACR/MEG joint meeting, New Mexico, USA, May 30-June 2, 2007.
 124. “Credibility and translation of medical research”, grand rounds, Encino-Tarzana Medical Center, UCLA/USC, Los Angeles, USA, June 2007.
 125. “Why most published research findings are false”, grand rounds/plenary to all principal investigators, Academic Medical Center Amsterdam, Amsterdam, Netherlands, June 2007.
 126. “Can we trust any positive finding? Sources of and cures for bias”, plenary at the 32nd annual meeting of the WEON (Working-party Epidemiologic Research in the Netherlands), Maastricht, Netherlands, June 22, 2007.
 127. “Genes and meta-analysis”, Erasmus Summer Lectures, Erasmus University Rotterdam, Rotterdam, Netherlands, August 30, 2007.
 128. “To err is science”, invited professor lecture at German Institute for Quality and Efficiency in Health Care, Cologne, Germany, September 2007.
 129. “The future of academic medicine”, plenary at 3rd Turkish-Greek Rheumatology Days, Kusadasi, Turkey, September 2007.
 130. “Personalized therapies: can tumor gene profiling live up to expectations”, Debate lecture, Media event for the 25th anniversary of the European School of Oncology, Rome, Italy, October 2007.

131. "Meta-analysis", Symposium on SNPs and complex diseases, Erasmus University Rotterdam, Netherlands, November 2007.
132. "Calibrating the credibility of research findings", Rheumatology Grand Rounds, Tisch Hospital, New York University, NY, USA, December 2007.
133. "Why some/many (all?) published clinical trials are false", NYU Post-Graduate Medical School Clinical Research Methodology Course: Randomized Clinical Trials and the Real World, Hospital for Joint Diseases, New York, NY, USA, December 2007.
134. "Translational Research: bench to where?", NYU Post-Graduate Medical School Clinical Research Methodology Course: Randomized Clinical Trials and the Real World, Hospital for Joint Diseases, New York, NY, USA, December 2007.
135. "Replication and inconsistency: a meta-analytic view", invited professor lecture, Department of Social Medicine, Bristol University, Bristol, UK, January 15, 2008.
136. "Meta-analysis", TREAT-OA meeting, London, January 16, 2008.
137. "Human genome epidemiology: building the knowledge base for genetic variation and human health", plenary for CDC Celebration of 10 Years of Public Health Genomics: Translating Gene Discoveries into Population Health Benefits, Atlanta, GA, USA, January 23, 2008
138. "Meta-analysis in complex genetics", symposium in honor of Prof. Andre Uitterlinden, Erasmus University Rotterdam, Netherlands, February 8, 2008.
139. "Assessing cumulative evidence", Networks, Genome-Wide Association Studies, and the Knowledge Base on Genetic Variation and Human Health, HuGENet Workshop, Atlanta, GA, USA, January 24, 2008.
140. "Meta-analysis of GWA", GEFOS meeting, Rotterdam, Netherlands, March 2008.
141. "Meta-analysis", In: "The Role of DNA Polymorphisms in complex Diseases", Colloquium organized by the Royal Dutch Academy of Arts and Sciences (KWAN), Trippenhuis, Amsterdam, Netherlands, March 18-21, 2008.
142. "Is molecular profiling currently ready for use in clinical decisions?", Molecular Oncology workshop, Metsovo, Greece, March 28-30, 2008.
143. "Meta-analysis", National Medical Conference, Athens, Greece, May 2008
144. "Future vision for large-scale genomic research", plenary, P3G meeting on biobanks, Barcelona, Spain, May 30, 2008.
145. "Meta-analysis: an advance on the RCT?", plenary symposium on "How do I treat this patient? Deciding what to do", American Thoracic Society, annual meeting, Toronto, Canada, May 20, 2008.
146. "Meta-analysis of GWA studies and replication thereof", 3rd meeting of Genetic Epidemiology in Parkinson disease, Trondheim, Norway, June 9-11, 2008.
147. "Genome wide association studies", plenary, RIDE symposium, Royal Academy of Sciences, Amsterdam, Netherlands, June 18, 2008.
148. "Evaluating cumulative evidence in genomic epidemiology", plenary, IARC-EARC-AACR joint symposium, Lyon, France, July 2008.
149. Five contributed papers presented at the annual meeting of the Society for Research Synthesis Methodology, Achilleion, Corfu, Greece, July 2008.
150. "Early published research findings: the false and the inflated", Mediterranean Institute for Life Sciences, Split, Croatia, July 2008.
151. "Adverse effects of antidiabetic drugs", hot topic plenary, International Conference on Pharmacoepidemiology, International Society for Pharmacoepidemiology annual meeting, Copenhagen, Denmark, August 19, 2008.
152. "Integrating randomized and observational evidence", symposium on "Balancing benefits and harms", UK Academies of Medical Sciences, London, UK, September 5, 2008.
153. "Evidence-based healthcare: large-scale evidence to improve outcomes for single patients?", "Evidence-Based Dentistry in Practice" symposium, International Association for Dental Research,

- London, UK, September 10, 2008
154. “Guidelines for neuropsychiatric lupus: methodological issues”, EULAR task force, Zurich, September 2008.
 155. “Large-scale evidence on lifestyle and gene-environment effects in biobanks and genetic consortia”, International Society for Nutrigenetics/Nutrigenomics (ISNN), Geneva, Switzerland, October 7, 2008
 156. “Concepts and challenges of personalized medicine”, University of Copenhagen, Copenhagen, Denmark, October 8, 2008.
 157. “Integrating genomics into population health”, Life Science Institute Distinguished Lecture Series, National University of Singapore, Singapore, October 2008
 158. “Calibrating the credibility of research findings”, American College of Rheumatology annual meeting, San Francisco, USA, October 27, 2008.
 159. “Meta-analyses of GWAS and online meta-analyses”, Imperial College, London, UK, December 8, 2008.
 160. “Meta-analysis in the GWA setting”, Winter Meeting of the UK Molecular Epidemiology Group, Barcelona, Spain, December 2008.
 161. “Can lessons learned from genome-wide research be applied to nutrition-wide and exposure-wide evidence?” International Life Sciences Institute workshop on Decision making for recommendations and communication based on totality of food-related research, Washington, D.C., December 15, 2008.
 162. “Assessing cumulative evidence in genetic associations”, Personal Genomics workshop: Establishing the Scientific Foundation for Using Personal Genome Profiles for Risk Assessment, Health Promotion and Disease (jointly organized by CDC, NHGRI, NHLBI, NCI), Bethesda, MD, USA, December 17, 2008
 163. “Panel discussion on personal genomics”, Personal Genomics workshop (jointly organized by CDC, NHGRI, NHLBI, NCI), discussants and panel: Francis Collins, Kari Stefansson, John Ioannidis, Coleen McBride, Sharon Terry, Sharon Kardia, Bethesda, MD, USA, December 18, 2008
 164. “Selected issues of evidence review for development of recommendations”, EULAR guidelines for immunizations in autoimmune diseases, Zurich, Switzerland, March 2009.
 165. “Significance versus credibility in epidemiological research”, International Epidemiology Institute, Maryland, USA, March 23, 2009.
 166. “Meta-analysis for meta-genetics: the bright, the grey, and the dark matter”, Division of Genetics, Brigham and Women’s Hospital, Harvard Medical School, Boston, USA, March 30, 2009.
 167. “Statistically significant findings: the false, the inflated, and the useless”, Department of Epidemiology, Harvard School of Public Health, Boston, USA, April 1, 2009
 168. “Design and bias issues in biomedical investigation”, European Society for Clinical Investigation Annual meeting, Frankfurt, Germany, April 2009.
 169. “Assessing cumulative evidence on gene disease associations”, IARC-NCI-HuGENet workshop on gene-environment interactions, IARC, Lyon, France, May 2009
 170. “Significance-chasing biases in biomedical publications”, Center of Interdisciplinary Research, Faculty of Medicine, Paris Descartes University, Paris, May 2009.
 171. “Replication strategies for GWA studies”, Genetic Epidemiology of Parkinson’s Disease meeting, Tuebingen, Germany, July 2009.
 172. Six contributed papers in the annual meeting of the Society for Research Synthesis Methodology, Seattle, USA, July 2009.
 173. “Genetic associations: candidate claims versus genome-wide discoveries versus the dark matter”, Psychosis Masterclass, organized by King’s College, Athens, Greece, Oct 31, 2009.
 174. “Why most research findings are false and what to do about this”, 40 years of Epidemiology in Erasmus, Rotterdam, Netherlands, November 2009.

175. “GWAS: successes and dark matter”, Tufts Molecular Medicine Series, Boston, January 5, 2010.
176. “Pitfalls in analysis of large-scale data”, Conference on Retroviruses and Opportunistic Infections, San Francisco, CA, USA, February 2010
177. “Significance versus credibility in medical research”, Grand rounds, Stanford University School of Medicine, Stanford, CA, USA, February 2010
178. “Introduction to translational medicine”, European Society for Clinical Investigation, annual meeting, Bari, Italy, February 2010.
179. “Meta-research: the art of getting it wrong”, presidential address, Society for Research Synthesis Methodology, Cartagena, Spain, July 2010.
180. Two contributed papers at the annual Society for Research Synthesis Methodology meeting, Cartagena, Spain, July 2010.
181. “Genome-wide, exposure-wide, phenotype-wide associations”, Distinguished Lecture series, invited lecture at Wellcome Trust Sanger Institute, Cambridge/Hinxton, UK, July 2010.
182. “Comparative effectiveness of treatments in children versus adults: it really does matter”, plenary at Star Summit on Child Health, Vancouver, Canada, September 2010.
183. “Genome-wide, exposurome-wide, phenotype-wide associations”, Current Issues in Genomics, Department of Genetics, Stanford University School of Medicine, Stanford, USA, September 2010.
184. “Network meta-analysis and meta-analysis networks”, Department of Statistics, School of Humanities and Sciences, Stanford University, Stanford, USA, September 2010.
185. “Evidence-based personalized health”, Inaugural seminar, SPRC seminar series, Clarke Center Auditorium, Stanford University School of Medicine, Stanford, USA, September 2010.
186. “Efficiency and reliability of translational research”, Pulmonary and Critical Care Medicine and Biology Grand Rounds, Stanford University School of Medicine, Stanford, USA, September 2010.
187. “Genome-wide association studies, field synopsis and the genetics knowledge base for complex diseases”, opening plenary, 5th Biologic Prospective, Functional Genomics Towards Personalized Health Care, Santorini, Greece, September 2010.
188. “Genetic associations: genome-wide discoveries versus candidate claims versus the dark matter”, opening plenary at the World Congress of Psychiatric Genetics, International Society for Psychiatric Genetics, Athens, Greece, October 2010.
189. “Large-scale multicenter studies and collaborative consortia”, ESCI course on clinical research, Bioacademy, Athens, October 2010.
190. “The ratio of false-positives to false-negatives in epidemiologic studies and exposure-wide epidemiology”, opening plenary, 5th CELSE, Paphos, Cyprus, October 2010.
191. “False positives, false negatives, inflated effects, deflated effects?”, Department of Health Research and Policy, Epidemiology lecture series, Stanford University, Stanford, USA, October 2010.
192. “Evidence-based translational personalized –omics”, CIP meeting, Stanford, USA, November 2011.
193. “Exposurome research”, Annual SPRC Symposium, Stanford University, Stanford, USA, November 2010.
194. “Why most published research findings are false”, Bay Area Clinical Research Symposium, San Francisco, USA, December 2010.
195. “Hierarchy of research questions”, dinner talk to Stanford-UCSF HHMI Medical Research Fellows, Stanford, USA, January 2011.
196. “Efficiency and reliability of translational research”, Public Policy Lunchtime Colloquium, Landau Economics, Stanford University, USA, February 2011.
197. “False positives, false negatives, and effect estimates in epidemiological studies”, Cancer Prevention Institute of California (CPIC), Fremont, USA, February 2011.

198. “Translational research: replication, credibility, and efficiency”, Stanford Cardiovascular Institute, Frontiers in Cardiovascular Science lecture series, Stanford, USA, March 2011.
199. “False positives, false negatives and effect sizes: genome, exposome, and nutrition”, Stars in Nutrition and Cancer honorary lecture series, National Cancer Institute, NIH, Bethesda, USA, March 2011.
200. “What are the barriers in translating the cancer genome into diagnostics: introductory”, American Association of Cancer Research annual meeting, Orlando, USA, April 2011.
201. “False and inflated results in biomedical research”, Plenary lecture in Symposium on “Ethics and Methodology”, Nijmegen, Netherlands, April 2011
202. “Empirical testing of excess significance bias”, Statistics seminar, Department of Statistics, Stanford University, Stanford, USA, March 2011
203. “Are there too many significant research findings?”, Stanford Neurosciences student retreat, Hopkins Marine Center, Monterey, USA, April 2011.
204. “Efficiency and reliability of translational biomedical research”, Varian, Palo Alto, May 2011.
205. “Omics in 2011”, Women’s Health Initiative meeting, Seattle, USA, May 2011.
206. “Biomedical research: do we have too many significant results?”, Center for Biomedical Ethics, Stanford, USA, May 2011.
207. “Evidence-based personalized –omics”, Program in Biomedical Informatics, Stanford, USA, June 2011.
208. “Validity and translational potential in omics research”, Invited professor lecture at Cyprus Institute for Neurology and Genetics, Nicosia, Cyprus, August 2011.
209. “Do we have too many significant research findings?”, Invited lecture, Iberoamerican Cochrane Center and Autonomous University of Barcelona, Hospital de la Santa Creu i Sant Pau, Barcelona, Spain, October 2011.
210. “Geometry of the evidence: agenda-wide views of research”, Plenary lecture at the Cochrane Colloquium, Madrid, Spain, October 2011.
211. Q&A session, Office of Communication & Public Affairs, Stanford University, November 2011.
212. Osler Evening Interview (coordinated by Abraham Verghese, MD), Stanford University School of Medicine, December 2011.
213. “Do we have too many significant biomedical research findings?”, Grand Rounds, Department of Psychiatry and Behavioral Sciences, Medical Center, UC Davis, Sacramento, December 2011.
214. “Comparative effectiveness research: understanding and designing the geometry of the research agenda”, Plenary lecture, Comparative Effectiveness Research symposium, University of California San Francisco, San Francisco, CA, January 2012.
215. “Geometry of comparative evidence and informational optimization of research designs”, Lecture at SPRC/General Medical Disciplines seminar series, Stanford University, January 2012.
216. “Geometry of the evidence”, Presentation to the Board of Directors, Stanford Hospital and Clinics, Palo Alto, CA, January 2012.
217. “Excess significance bias in translational medical research”, Grand rounds, Stanford Research International, Menlo Park, CA, March 2012.
218. “The pressure to get it right: biases in biomedical research”, Mind the Gap lecture series, National Institutes of Health, Bethesda, MD, April 2012
219. “Are there too many significant research findings?”, Renaissance Technologies colloquium lecture, Long Island, NY, April 2012.
220. “Predictive medicine and predictive effects: true or false”, opening plenary lecture, Society of Behavioral Medicine annual meeting, New Orleans, LA, April 2012.
221. “Understanding, exploring, and designing the geometry of the comparative evidence”, keynote

- plenary lecture, Translational Science 2012 meeting, Washington, D.C., April 2012
222. “Empirical testing of excess significance bias”, Q Center lecture series, Northwestern University, Evanston, IL, April 2012
 223. “False positives and inflated effects: a meta-research view”, grand rounds, Computational Institute, University of Chicago, Chicago, IL, April 2012
 224. “The future of StaR Child Health: challenges and opportunities”, closing plenary lecture, StaR Child Health meeting, Winnipeg, Canada, May 2012
 225. “Geometry of the evidence”, opening plenary lecture, 2012 Annual Canadian Cochrane conference, Winnipeg, Canada, May 2012
 226. “The problem of having too many significant research findings and what to do about it”, keynote lecture at 2012 Napa Valley Research Forum, Meadowood, CA, May 2012
 227. “Designing and dissecting the geometry of the randomized evidence”, closing plenary lecture, Society for Clinical Trials annual meeting, Miami, FL, May 2012
 228. “Replication, reproducibility and curbing the epidemic of false-positive claims: a view from the biosciences”, Panel on "The Development and Use of Public Data Bases: It's Complicated!" , roundtable lecture at 2012 SLAC/NASA meeting, Progress on Statistical Issues in Searches, Kavli Auditorium, Stanford Linear Accelerator, CA, June 2012
 229. “Predictive medicine: false claims, incremental effects, or paradigm shift?”, Distinguished invited professor lecture series, Centro Nacional de Investigaciones Oncologicas, Madrid, Spain, June 2012.
 230. “Inflated and decreasing effects in biomedicine”, plenary at Society for Research Synthesis Methodology, Aix-en-Provence, France, June 2012.
 231. “Complex partnerships: Genome, exposurome, and predictive medicine”, Sigma Tau Foundation 2012 lecture on complexity, University of Florence, Firenze, Italy, July 2012.
 232. “Complex partnerships: Genome, exposurome, and predictive medicine”, Sigma Tau foundation 2012 lecture on complexity, Mario Negri Institute, Milano, Italy, July 2012.
 233. “Predictive medicine: can we trust it? Can we practice it?”, Grand Rounds, Department of Medicine, Stanford University School of Medicine, Stanford, CA, August 2012.
 234. “Cardiovascular genomics and personalized medicine”, Debate, Stanford Cardiovascular Institute annual member retreat, Stanford, CA. September 2012.
 235. “Pitfalls of cancer research”, The Sixth Comprehensive Cancer Research Training Program at Stanford, Palo Alto, CA, September 2012.
 236. “Significant research findings: caveats in search of reproducible research”, Grand Rounds, Baylor College of Medicine, Houston, TX, September 2012.
 237. “Predictive and personalized medicine: false, inflated, and true effects”, Grand Rounds, Division of Internal Medicine, MD Anderson Cancer Center, Houston, TX, September 2012.
 238. “Genetic prediction models: practice, metrics, and a discovery extension”, Seminar, Quantitative Sciences Unit, Stanford University, Stanford, CA, October 2012.
 239. “Data sharing for clinical research: experiences, techniques, methodologies”, Institute of Medicine workshop on Sharing Clinical and Research Data, Washington, DC, October 2012 (by webinar).
 240. “Geometry of the evidence: solid or crumbling?”, Grand rounds, Institute for Public Health, University of Calgary, Calgary, Canada, October 2012.
 241. “Translation of medical evidence into practice: failures and improvements”, Opening plenary, 2012 RTNA conference on knowledge translation, Banff, Canada, October 2012.
 242. “Reporting and reproducible research: salvaging the self-correction principle of science”, 4th annual EQUATOR lecture, Freiburg, Germany, October 2012.
 243. “Having too many significant research findings: problems and solutions”, University of Cyprus, Nicosia, Cyprus, October 2012.

244. “Having too many significant research findings: problems and solutions”, Technological University of Cyprus and Harvard-Cyprus International Institute for Environmental and Public Health, Limassol, Cyprus, October 2012.
245. “Credibility and geometry of the evidence: Are recommendations and decisions based on appropriate clinical studies?”, Opening plenary, 17th meeting of Spanish Society of Primary Care Pharmacy, Madrid, Spain, October 2012.
246. “Mapping the global cancer burden”, Session leader, World Oncology forum on “are we winning the war on cancer?”, Lugano, Switzerland, October 2012.
247. Doctoral Epidemiology Seminar, School of Public Health, University of California Berkeley, November 2012.
248. “Large scale evidence and meta-research: annual update”, Annual SPRC scientific symposium, Stanford University, November 2012.
249. “Halting the epidemic of non-fraudulent false research”, Opening plenary lecture, Public Responsibility in Medicine and Research 2012 Advancing Ethical Research Conference, San Diego, CA, December 2012.
250. “The role of epidemiology in knowledge integration and meta-research”, plenary at Trends in 21st Century Epidemiology: From Scientific Discoveries to Population Health Impact, National Institutes of Health, Bethesda, MD, December 2012.
251. “Personalized –omics medicine: promises and reality”, Distinguished professor lecture series, University of South Florida School of Medicine, Tampa, FL, December 2012.
252. “Predictive medicine: reality or utopia?”, Invited plenary lecture, Mount Sinai Medical Center, New York, NY, January 2013.
253. “Nesting randomized trials in biobanks and cohorts”, Invited keynote plenary, Cancer Canada and Ontario Health Study, Toronto, Canada, January 2013.
254. “Improving the credibility and reproducibility of published research”, Invited keynote plenary, annual meeting of the Annals of Emergency Medicine editorial board, Coronado, San Diego, CA, February 2013.
255. “Why is the evidence failing us?”, Grand rounds, University of California San Diego, San Diego/La Jolla, CA, February 2013.
256. “What is wrong with reported medical research?” Invited keynote plenary, annual meeting of the Obstetrics and Gynecology editorial board, Dana Point, CA, February 2013.
257. “The reliability of biomedical evidence and how to improve it”, invited lecture, Stanford Law School, Stanford, CA, April 2013.
258. “Exercise and chronic disease prevention”, Consensus meeting on chronic disease prevention, International Olympic committee, Lausanne, Switzerland, April 2013.
259. “Publish or perish”, invited lecture in research methodology course, annual meeting of the European Society for Clinical Investigation, Albufeira, Portugal, April 2013
260. “Credibility and replication of research findings”, Invited lecture, Stanford/MIT/Harvard alumni clubs in Greece, Evgenidion planetary, Athens, Greece, April 2013
261. “Why scientific research is not necessarily self-correcting itself?”, Keynote plenary, 3rd Word conference on research integrity, Montreal, Canada, May 2013
262. “Assessing and improving the credibility of biomedical evidence”, Distinguished professor lecture series, McGill/Jewish General Hospital, Montreal, Canada, May 2013
263. “Understanding the geometry of clinical evidence”, CTSA Grand rounds, Mayo Clinic, Minnesota, May 2013
264. Commencement speaker, graduation ceremony of UC Berkeley (Statistics), Berkeley, CA, May 2013
265. “Geometry of the randomized evidence: rational, opportunistic, or conflicted?”, Medical grand rounds, Department of Medicine, Stanford University School of Medicine, Stanford, CA, June 2013

266. “Reliability and validation in research”, Invited professor lecture, Department of Dermatology, University of Athens School of Medicine, Athens, Greece, June 2013
267. “Selective reporting”, roundtable, University of Liverpool, Liverpool, UK, July 2013
268. “Reliability of biomedical evidence: current state and how to improve it”, Invited distinguished professor lecture, University of Rome La Sapienza, Rome, Italy, July 2013
269. “Predictive medicine: promises and caveats”, Invited distinguished professor lecture, University of Pescara and Chieti Gabriele d’Annunzio, Chieti, Italy, July 2013
270. “How reliable is evidence in medicine?”, Invited plenary lecture and discussion, European Forum Alpbach, Alpbach, Austria, August 2013
271. “Replication and reproducible research: utopia or reality?”, Opening plenary, International Congress of Peer Review and Biomedical Publication, Chicago, IL, September 2013
272. “Replication and reproducible research”, Annual Samuel O. Thier Lecture, Yale University School of Medicine, New Haven, CT, September 2013
273. “In personalized medicine ready for prime time?”, roundtable, Stanford Cardiovascular Institute, annual retreat, Stanford, CA, September 2013
274. “Predictive, personalized, individualized medicine: promises and caveats”, Invited lecture, Department of Microbiology, University of Washington School of Medicine, Seattle, WA, September 2013
275. “Randomized trials in more versus less developed countries”, Research journal club workshop, Department of Global Health, University of Washington of Washington School of Medicine, Seattle, WA, September 2013
276. “Bias and reproducible research”, Biomedical Research Integrity lecture series, University of Washington School of Medicine, Seattle, WA, September 2013
277. “Statistical and clinical inference: the credibility of evidence”, invited lecture/short course, Scientific Inference Conference, PERF, San Diego, September 2013
278. “The evolution of evidence: when is enough, enough?”, Plenary lecture, Vermont Oxford network annual meeting, Chicago, IL, October 2013
279. “Predictive and personalized medicine”, invited workshop lecture, Vermont Oxford network annual meeting, Chicago, IL, October 2013
280. “Improving the reproducibility of biomedical research”, Plenary lecture at the joint meeting of the editorial boards of Anesthesiology and of Anesthesia and Analgesia, San Francisco, CA, October 2013
281. “Improving the validity of research”, Invited lecture and roundtable discussion, Philanthropy Roundtable, Terranea, CA, October 2013
282. “Bias and reproducible research”, Invited lecture, Institute of Medicine interest group meeting, Washington, DC, October 2013
283. “Bias and reproducible research”, Keynote, Trottier Symposium, McGill University, Montreal, Canada, October 2013
284. “Replication in science”, McGill University, Montreal, Canada, October 2013.
285. “Large-scale evidence and meta-research”, Annual SPRC Symposium, Stanford, CA, November 2013.
286. “Funding research: impact, conformity, and reproducibility”, Keynote, Séance de réflexion, Swiss National Science Foundation, Berne, Switzerland, November 2013.
287. “Uses and re-uses of big data”, plenary lecture at meeting on Secondary use of big data from critical care, MIT, Boston, MA, January 2014.
288. “The long road from animal studies to clinical trials on the way to FDA approval”, plenary lecture, 1st annual UC Davis Stem cell research policy and ethics symposium, University of California Davis, Davis, CA, January 2014.
289. “Scientific standards and data integrity/quality”, panel contribution, Public workshop of the

- Committee on strategies for responsible sharing of clinical trial data, Institute of Medicine, Washington D.C., February 2014.
290. “Overarching and cross-cutting issues in data sharing”, panel contribution, Public workshop of the Committee on strategies for responsible sharing of clinical trial data, Institute of Medicine, Washington D.C., February 2014.
 291. “Systematic Approaches to Assessing the Internal and External Validity of Randomized Controlled Trials”, invited lecture at IOM workshop on Characterizing and Communicating Uncertainty in the Assessment of Benefits and Risks of Pharmaceutical Products, Institute of Medicine, Washington, D.C. (presentation through webinar), February 2014.
 292. “Reproducible research: utopia and reality”, invited lecture, Center for Advanced Studies in the Behavioral Sciences, Stanford, CA, March 2014.
 293. “Metrics of appraising research”, NHLBI Retreat, webinar, March 2014.
 294. “Promises and pitfalls in reusing and combining data”, invited plenary talk, Association of University Anesthesiologists conference, Stanford, CA, April 2014.
 295. “Is everything we eat associated with cancer? A systematic cookbook review”, invited talk in Experimental Biology annual conference, American Society for Nutrition, San Diego, CA, April 2014.
 296. “Improving value and reducing waste in genomics”, invited plenary talk, EQUATOR annual meeting, Paris, France, May 2014.
 297. “Geometry and future of randomized trial agendas”, European Organization for Research on Treatment of Cancer (EORTC) headquarters, Brussels, Belgium, May 2014.
 298. “Credibility and bias in the results of clinical trials”, invited plenary, International Clinical Trials Day, ECRAN, Luxembourg, May 2014.
 299. “Genomic medicine”, invited plenary and panel discussion, Stanford Big data Conference, Stanford, CA, May 2014.
 300. “Proactive planning of the preclinical research agenda”, invited talk and panel discussion, Workshop on Reproducibility Issues in Research with Animals and Animal Models, Institute for Laboratory animal Research and U.S. National Academy of Sciences, Washington D.C., June 2014 (via webinar).
 301. “Reproducible research: true or false?”, invited lecture, Google, Mountain View, CA, June 2014.
 302. “Improving reproducible research”, Invited lecture, Institute for Complex Systems, Paris, France, July 2014.
 303. “Reproducibility in biomedical research”, Distinguished lecture, Institut Pasteur, Paris, France, July 2014.
 304. “Big data: promises and caveats in their use and reuse”, Invited lecture, Istituto Rizzoli, Bologna, Italy, July 2014.
 305. “Improving reproducibility in empirical research”, Invited lecture, Stanford Law School, Stanford, September 2014.
 306. “Policies regarding knowledge representation”, Webinar presentation, AMIA 2014 Policy Invitational Meeting: Harnessing Next-Generation Informatics for Personalizing Medicine, Washington, DC, September 2014.
 307. “Tracking and improving research practices”, Keynote lecture, Symposium on ‘Improving scientific practice: dealing with the human factors’, University of Amsterdam and University of Tilburg, Aula of the University of Amsterdam, Amsterdam, Netherlands, September 2014.
 308. “Credibility in empirical economics”, Keynote lecture, Meta-analysis of economics research (MAER) network, annual colloquium, Athens, Greece, September 2014.
 309. “Rethinking science”, 25th European Student Conference, Charite Hospital, Berlin, Germany, September 2014.
 310. “Multi-level data integration: sharing some data and some thoughts”, Keynote lecture (via

- webinar), Novel Approaches and Challenges to Data Harmonization Workshop, National Cancer Institute, NIH, Rockville, MD, October 2014.
311. “Overcoming statistical biases in science communication”, Invited lecture (via webinar), Annenberg Science of Science Communication Conference, Annenberg Public Policy Center of the University of Pennsylvania, Philadelphia, PA, October 2014.
 312. “Towards truth in published research”, Keynote lecture, PLoS Medicine 10th anniversary celebration, San Francisco, CA, October 2014.
 313. “Increasing research reproducibility”, Invited lecture, Prostate Cancer Foundation annual meeting, San Diego, CA, October 2014.
 314. “Big data in genomic medicine”, Invited lecture (via webinar), Big Data and Precision Medicine, 2014 East-West Alliance Global Symposia, Hong Kong, China, October 2014.
 315. “Big data and the patient”, Roundtable discussion, NCCN Patient Advocacy Summit: Patient Concerns in 2014 – Big Data, Access, and Palliative Care, The National Press Club, Washington, DC, November 2014.
 316. “Significance and credibility of research findings”, Lecture series, Nowzari symposium, Beverly Hills, CA, November 2014.
 317. “Large-scale evidence and meta-research”, SPRC annual research symposium, Stanford, CA, November 2014.
 318. “Making nonsense of big data”, Plenary lecture, Workshop on How to Transform big Data into Better Health, Science Europe, Majorana Foundation, Erice, Italy, November 2014.
 319. “How to make more published research true”, Keynote lecture, Advanced Retina Therapy annual conference, Medical University of Vienna, Austrian Academy of Sciences, Vienna, Austria, November 2014.
 320. “Improving reproducible research”, Honorary lecture, Foundation for Research and Technology – Hellas, Herakleion, Crete, Greece, December 2014.
 321. “Lessons and pitfalls from medical research”, plenary keynote lecture, Transparency forum, Berkeley Initiative for Transparency in the Social Sciences, Berkeley, CA, December 2014.
 322. “Research practices and reproducible research”, Harvard Catalyst lecture, Department of Biostatistics, Harvard School of Public Health, Boston, MA, January 2015.
 323. “Exposure-wide association studies”, invited lecture, Department of Epidemiology, Harvard School of Public Health, Boston, MA, January 2015.
 324. “Better research for better global health decisions”, invited plenary lecture, Global Health Research Convening, Center for Innovation in Global Health, Stanford University, Stanford, CA, January 2015.
 325. “Why most published clinical research is wrong”, Hoffman lecture, American Society of Pediatric Neurosurgery, Hawaii, January 2015.
 326. “Discussion: Assessment of factors affecting reproducibility”, Workshop, National Academy of Sciences workshop on reproducibility, Washington, D.C., February 2015 (webinar presentation)
 327. “Improving reproducible research”, keynote, American Academy of Allergy, Asthma, and Immunology annual meeting, Houston, February 2015.
 328. “Clinical trials: pitfalls in design and interpretation”, Lown Institute meeting, San Diego, March 2015.
 329. “Improving reproducible research practices”, opening keynote, US-HUPO (Human Proteome Organization) annual meeting, Tempe, Arizona, March 2015.
 330. “Objective Academic and Research Evaluation: Challenges and Opportunities for Quality Improvement”, Delta Omega 2015 annual lecture, Arnold School of Public Health, University of South Carolina, Columbus, SC, April 2015.
 331. “Improving clinical research”, Invited distinguished professor lecture, Columbia University and New York State Psychiatric Institute, New York, NY, April 2015.

332. “Evidence-based medicine caveats”, closed session and open public lecture and discussion, Global Think-In, Columbia University, New York, NY, April 2015.
333. “Exposure-wide associations: epidemiology revisited”, Grand Rounds, Department of Epidemiology, Albert Einstein Yeshiva School of Medicine, Bronx, NY, April 2015.
334. “How to make more published research true”, invited plenary, University of Toronto and Toronto Sickkids Symposium on research integrity, Toronto, April 2015.
335. “Bias and reproducible research”, Distinguished professor invited lecture, Michigan State University, East Lansing, Michigan, May 2015.
336. Convocation ceremony remarks on the occasion of awarded the Medal for distinguished service, Teachers College, Columbia University, Cathedral of Saint John the Divine, New York, NY, May 2015.
337. “What treatments really improve treatment outcomes and by how much”, keynote lecture, Swiss Society of Internal Medicine, annual meeting, Basel, Switzerland, May 2015.
338. “Reducing waste in research”, keynote lecture, Italian Cochrane Collaboration annual meeting, Torino, Italy, May 2015.
339. “Journals, publishing, and how to questions”, Meet-the-editor-in-chief plenary session, European Society of Clinical Investigation, 49th annual meeting, Cluj-Napoca, Romania, May 2015
340. “How to improve research”, Litchfield lecture, Oxford University, Oxford, June 2015
341. “Reproducible research: true or false”, invited plenary lecture, SkeptiCal 2015 conference, Oakland, California, June 2015
342. “The exodus of Greek scientists – a meta-analysis”, First annual Dimitri Trichopoulos memorial lecture, Athens, Panhellenic Medical Conference, Athens, June 2015
343. “Reproducible research: crisis or opportunity”, invited plenary lecture, International Society for Stem Cell Research, annual conference, Stockholm, Sweden, June 2015
344. “Evidence based medicine, public health genomics and personalized medicine”, honorary lecture, University of Rome La Sapienza and Roman Academy of Public Health, Rome, Italy, June 2015
345. “What is meta-research and what does it aspire to”, keynote lecture, The 2015 Southampton Conference on the Credibility of Empirical Research, Southampton, UK, June 2015
346. “Exposure-wide epidemiology: revisiting Bradford Hill”, Bradford Hill annual lecture, London School of Hygiene and Tropical Medicine, London, UK, July 2015
347. “Evaluating science: making research better, not worse”, invited keynote, Governance, Performance & Leadership of Research and Public Organizations, Bavarian Academy of Sciences, Munich, Germany, July 2015
348. Panel on preclinical data reproducibility, University of California San Francisco, San Francisco, California, September 2015, <https://vimeo.com/139970369>
349. “How reliable information on medical interventions and products is”, invited lecture series, Academy of Reconstructive Dentistry, Academy of Banking, Taipei, Taiwan, September 2015.
350. “Launching the Wellness Living Laboratory”, speech at ceremony celebrating collaboration between SPRC/Stanford and Fu Jen University, signing of MOU with president of Fu Jen University, Taipei, Taiwan, September 2015.
351. “Why and how to study wellness and wellness interventions”, Taipei, Taiwan, September 2015.
352. “Mediocracy versus meritocracy”, TedXAcademy, Athens Megaron, Athens, Greece, September 2015 (in Greek).
353. “REWARD Action plan and launch of the REWARD campaign”, plenary panel, REWARD/EQUATOR conference, Edinburgh, Scotland, September 2015.
354. “Meta-research: an emerging scientific discipline”, Closing plenary, REWARD/EQUATOR conference, Edinburgh, Scotland, September 2015.
355. “What does reproducible research mean for population health and big data?”, Usher inaugural

- annual lecture, Usher Institute for Population Health Sciences and Informatics, University of Edinburgh, October 2015.
356. “Increasing value, decreasing waste in research: a role for meta-epidemiology”, keynote lecture, Annual Methods Symposium, Cochrane, Vienna, Austria, October 2015.
 357. “Can too many systematic reviews and meta-analyses do harm?”, plenary lecture, Annual Cochrane Colloquium, Vienna, Austria, October 2015.
 358. “Personalized medicine: how precise and how reproducible?”, plenary lecture, 2nd Transatlantic Conference on Personalized Medicine, Rotterdam, Netherlands, October 2015.
 359. “Boosting reliable research: data analysis”, Nature, webcast, October 2015.
 360. “Meta-research: an emerging discipline”, METRICS Forum, Stanford, October 2015.
 361. “Wellness Living Laboratory”, plenary, 9th Sino-USA symposium on medicine in the 21st century, Stanford, CA, USA, October 2015.
 362. “Gender variables: review of some methods challenges”, Workshop on gender variables for health research, Stanford, October 2015.
 363. “Reducing waste in clinical research”, Grand rounds, Department of Medicine, Northwestern University School of Medicine, Chicago, USA, October 2015.
 364. “Big data, genomics, and reproducible research”, Keynote, Genomic data conference, American Dental Association, Chicago, USA, October 2015.
 365. “Boring discoveries, innovative replications”, Acceptance speech for honorary doctorate, Erasmus University Rotterdam, Netherlands, November 2015. Laudatio: http://www.eur.nl/fileadmin/ASSETS/icb/Dies_Natalis/2015/Laudatio_Myriam_Hunink.pdf and acceptance speech: http://www.eur.nl/fileadmin/ASSETS/icb/Dies_Natalis/2015/Acceptance_speech_John_Ioannidis.pdf
 366. “Old and new methods for the scientific basis of medical care”, Keynote, workshop on quantitative medicine, Erasmus University Rotterdam, Netherlands, November 2015.
 367. “Large-scale evidence and meta-research”, SPRC Annual Research Symposium, November 2015.
 368. “Improving clinical research”, keynote plenary (via videoconference), International Student Congress of Research Integrity & Evidence Based Practice, Kish Island, Iran, December 2015.
 369. “Reading a couple of million papers with P-values”, Biostatistics workshop, Stanford University, Stanford, December 2015.
 370. “Reproducibility crisis and reproducibility solutions”, Tripodi annual lecture, University of California Berkeley, Berkeley, January 2016.
 371. Panel on reproducibility of data, software and code. Arnold reproducibility workshop, American Association for the Advancement of Science, Washington DC, February 2016.
 372. “Variations on the art of the fugue”, invited lecture, Reading Society of Corfu (Αναγνωστική Εταιρεία), Corfu, Greece, March 2016 (in Greek).
 373. “Reproducible research: where are we?”, keynote plenary lecture, Molecular Medicine Day 2016, Erasmus University Rotterdam, Netherlands, March 2016.
 374. “How to improve the credibility of research findings”, invited lecture, Harvard Medical School, March 2016.
 375. “Meta-research: where do we stand on research in research”, invited lecture, Broad Institute-MIT, Boston, March 2016.
 376. “How to improve clinical research”, University of Chicago, Department of Medicine grand rounds, March 2016.
 377. “Defining meta-research, an evolving discipline”, keynote, Science of Science meeting, Library of Congress, Washington D.C., March 2016.
 378. “Reflections on the Greek brain drain”, Society for the Preservation of the Greek Heritage,

- Washington, D.C., March 2016.
379. “Empirical evidence on reproducibility of research”, annual Robert Levine lecture, Yale Interdisciplinary Center for Bioethics, New Haven, March 2016.
 380. “Empirical research on research and the reproducibility crisis”, William and Myrtle Harris distinguished lecture on Science and Civilization, Caltech, Pasadena, April 2016.
 381. “Performing, communicating and rewarding reproducible research”, Year of Open Science lecture, University of Texas at Austin, Austin, April 2016.
 382. “Evidence-based medicine has been hijacked”, keynote lecture, Lown Conference, Chicago, April 2016.
 383. “Medical misinformation vs. reliable and clinically useful evidence for truly informed consent and improved outcomes”, workshop presentation, Lown Conference, Chicago, April 2016.
 384. “Reproducibility”, Biomedical ethics panel, joint AAP/ASCI/APSA meeting, Chicago, April 2016.
 385. “Reproducibility and improving research practices”, Inaugural lecture, Berlin Health Institute, Berlin, Germany, May 2016.
 386. “Common pitfalls in the conduct and interpretation of meta-analysis”, invited lecture, National University of Singapore, Singapore, May 2016.
 387. “Future directions of meta-analysis: novel methods and applications”, invited lecture, National University of Singapore, Singapore, May 2016.
 388. “Capturing the value of prevention”, Keynote, Public Health Thought Leadership Dialogue, National University of Singapore School of Public Health, Singapore, May 2016.
 389. “How to make risk estimates more reliable”, closing keynote, International Committee for Insurance Medicine annual meeting, Maastricht, Netherlands, May 2016.
 390. “Reproducible research: impact in evidence-based decision making”, T.H. Seldon Memorial Lecture, keynote, International Anesthesia Research Society, San Francisco, May 2016.
 391. “How can the systematic review community promote better research instead of just damning bad research?”, Evidence-based Practice Centers meeting, May 2016.
 392. “Quality of evidence for health care: scary tales and fairy tales”, invited lecture, Innovative Health Care Leader Program, Stanford University, California, May 2016.
 393. “How to make clinical research useful”, Grand rounds, Department of Pediatrics, Stanford University School of Medicine, Stanford, June 2016.
 394. “Evidence for prevention”, Center for Advanced Studies in Behavioral Sciences, Stanford, June 2016.
 395. “What should we seek with reproducible research”, National Library of Medicine, Conference on reproducibility, FNLM, Washington D.C., June 2016.
 396. “How to improve clinical research”, European School of Internal Medicine, Sardinia, Italy, June 2016.
 397. “To be or not to be – a personal anecdote”, European School of Internal Medicine, Sardinia, Italy, June 2016.
 398. “More or less – why most published research is false”, European School of Internal Medicine, Sardinia, Italy, June 2016.
 399. “How to apply scientific results to the care of the single patient”, European School of Internal Medicine, Sardinia, Italy, June 2016.
 400. “Credibility of medical research”, invited honorary lecture, Medical School, University of Sacred Heart, Rome, Italy, June 2016.
 401. “Why most clinical research is not useful”, plenary lecture, Evidence Live, Oxford, UK, June 2016.
 402. “Nutrition evidence: population and individuals”, lecture at the Lorenzini Institute meeting on nutrition guidelines, Venice, Italy, July 2016.

403. Three contributed papers presented at the Society for Research Synthesis Methodology, Annual meeting, Florence, Italy, July 2016.
404. “Reproducible research: current status and future prospects”, Keynote, American Psychological Association annual meeting, Denver, August 2016.
405. “Improving research practice”, presidential keynote, annual meeting of the American Academy for Cerebral Palsy and Developmental Medicine, Hollywood, Florida, September 2016.
406. “Clinical trial design in the future”, keynote, annual meeting of the World Congress of Pediatric Gastroenterology, Hepatology and Nutrition, Montreal, Canada, October 2016.
407. “How to make medical research both more credible and more useful”, Keynote lecture, annual meeting of the Society for Medical Decision Making, Vancouver, Canada, October 2016.
408. “Large-scale evidence and meta-research”, SPRC Annual Research Symposium, November 2016.
409. “What can universities do to make research more true/reproducible?”, Snyder annual lecture, University of Utah, Salt Lake City, November 2016.
410. “Biomedical research: the unfinished musical score”, 23rd Anatomy Lesson, University of Amsterdam and Academic Medical Center, Concertgebouw symphone hall, Amsterdam, Netherlands, November 2016.
411. “Improving the credibility of clinical research”, Keynote, Swiss Pain Society annual meeting, Montreux, Switzerland, November 2016.
412. “Improving reproducible research practices”, Keynote, Hellenic Bioinformatics Conference, annual meeting, Thessaloniki, Greece, November 2016.
413. “Brain drain and solutions”, Invited lecture, Department of Computer Science and Telecommunications, University of Athens, Athens, Greece, November 2016 (in Greek).
414. “Assessing the credibility of the scientific literature”, Keynote, Hellenic Society for Pharmaceutical Sciences meeting, Athens, Greece, November 2016 (in Greek).
415. “Improving research: why, who, when and what are you talking about”, lecture, SPRC/General Medical Disciplines lecture series, Stanford, CA, December 2016.
416. “Observational studies versus RCTs in nutrition: what are the tradeoffs?”, Keynote, American Society for Nutrition, Advances and Controversies in Clinical Nutrition conference, Orlando, Florida, December 2016 (via webinar).
417. “Data analysis and interpretation: be sure you’re right, then go ahead”, webinar presentation, Center for Evaluation and Coordination of Training and Research in Tobacco Regulatory Science, January 2017, Rockville, MD, January 2017.
418. “Truth or Consequences”, San Francisco Exploratorium, San Francisco, January 2017.
419. “Improving research practices: a global challenge”, Chanchlani Global Health Award, McMaster University, Hamilton, February 2017.
420. “Basic science to clinical research: how best to translate evidence”, grand rounds, McMaster University, Hamilton, February 2017.
421. “Reproducible research: what it means for epidemiology”, invited lecture, Yale University School of Public Health, New Haven, February 2017.
422. “What is wrong with health research and how to fix it”, Weill Cornell Qatar, February 2017 (via videoconference)
423. “Επιστημονικές φυγές και επιστροφές: μια προσωπική τοκάτα» (“Scientific fugues and returns: a personal toccata”, Acceptance lecture for PhD honoris causa, University of Athens (in Greek), February 2017, Athens, Greece.
424. “Towards more credible and useful biomedical research”, Annual Distinguished Investigator lecture, University of Connecticut School of Medicine and Health Center, Farmington, CT, March 2017.
425. “Wat does reproducible basic and preclinical research mean”, invited lecture, Cold Spring

- Harbor Laboratory, NY, March 2017.
426. “Reproducibility in preclinical and clinical research”, invited lecture, Department of Pharmacology, Stony Brook University, Stony Brook, NY, March 2017.
 427. “Tractatus on the sixth fame and reflection of Greek brain drain and its diaspora”, Center for Hellenic Studies, Stony Brook University, Stony Brook, NY, March 2017.
 428. “Quality of evidence for health care: scary tales and fairy tales”, invited lecture, Innovative Health Care Leader Program, Stanford University, California, March 2017.
 429. “Medical research can be both credible and useful”, honorary Nicholas A. Vick annual lecture, Northshore University Health System, Chicago, Illinois, April 2017.
 430. “How to make scientific research more credible and useful”, Sverbank seminar lecture, Stanford Graduate School of Business, Stanford University, California, April 2017.
 431. “How to make clinical research more reproducible and useful”, honorary annual Heldrich lecture, Rutgers University School of Medicine, New Jersey, April 2017.
 432. “Reproducibility”, The Big Data to Knowledge (BD2K) Guide to the Fundamentals of Data Science, webinar presentation, May 2017.
 433. “Intervention research: promises and challenges”, keynote, Stockholm Conference on behavioral and social intervention research, Wenngarn Castle, Stockholm, Sweden, May 2017.
 434. “The reproducibility crisis as an opportunity for improving research practices”, invited lecture, Max Planck Institute for Human Development, Berlin, Germany, May 2017.
 435. “Reproducibility challenges towards improving the evidence base for modern science”, invited lecture, Karolinska Institute, Stockholm, Sweden, May 2017.
 436. “Towards more credible and more useful research”, invited lecture, Gothenburg Science Festival, Gothenburg, Sweden, May 2017.
 437. “Increasing transparency and raising value in clinical research”, invited panel lecture, Friends of the National Library of Medicine meeting on “Consequential Clinical Research: Accelerating Continuous Improvement”, NLM, June 2017 (telepresentation).

EDITOR, PEER-REVIEWER, CONSULTANT, AND OTHER APPOINTMENTS (selectively)

Editor-in-Chief (elected in 2008, started being responsible for manuscripts as of July 2009, first issue under my editorship published in January 2010) for the European Journal of Clinical Investigation. Impact factor (Thomson ISI 2012): 3.365 (rank 24/155 in Medicine, general and internal).

Member of the editorial board for other international peer-reviewed journals

JOURNAL (YEARS)	Impact factor (Thomson ISI 2011)
• Lancet (2005-)	38.278
• Annals of Internal Medicine (2007-2010)	16.733
• PLoS Medicine (2007-)	16.269
• Journal of the National Cancer Institute (2005-)	13.757
• PLoS Biology (2015-)	11.452
• Clinical Chemistry (2014-)	7.865
• Science Translational Medicine (2011-2014)	7.804
• Molecular and Cellular Proteomics (2012-)	7.398
• International Journal of Epidemiology (2007-)	6.414
• AIDS (2004-2007, 2007-2010)	6.245
• Cancer Treatment Reviews (2006-2014)	6.054
• Cochrane Library (1998-), editor, HIV/AIDS CRG	5.715

• Journal of Clinical Epidemiology (2005-)	4.354
• PLoS ONE (2006-)	4.092
• Journal of Translational Medicine (2012-)	3.470
• BioMed Central Infectious Diseases (2000-)	3.120
• Guest editor, Seminars in Hematology (2008 issue)	2.711
• BioMed Central Medical Research Methodology (2000-13)	2.670
• Clinical Trials (was Controlled Clinical Trials, 2004-13)	2.362
• Journal of Empirical Research in Human Research Ethics (2006-12)	1.267
• Journal of Evaluation in Clinical Practice (2008-)	1.229

Other journals with no IF (mostly new ones):

Open Medicine (2007-2012), Biomarker Research (2012-), Cases Journal (2008-2010), Human Genomics and Proteomics (2008-), Research Synthesis Methods (2010-2013), GAPP Reviews (2009-); currently PLoS Currents: Evidence on Genomic Tests, International Journal of Molecular Epidemiology and Genetics (2009-), Italian Journal of Public Health (2009-2013), Annals of Gastroenterology (published in Greek, 1999)

Peer-reviewer for several hundreds of manuscripts in >120 different peer-reviewed journals:

AIDS, AIDS Research and Human Retroviruses, American Journal of Epidemiology, American Journal of Human Genetics, American Journal of Medicine, American Journal of Psychiatry, Annals of Internal Medicine, Annals of Neurology, Annals of the Rheumatic Diseases, Antiviral Therapy, Archives of General Psychiatry, Archives of Internal Medicine, Arthritis and Rheumatism, Arthritis Research and Therapy, Atherosclerosis, Thrombosis and Vascular Biology, Biometals, Biotechniques, Blood Coagulation and Fibrinolysis, BMC Anesthesiology, BMC Bioinformatics, BMC Gastroenterology, BMC Health Services Research, BMC Infectious Diseases, BMC Medical Research Methodology, BMC Medicine, BMC Psychiatry, BMC Public Health, BMJ (British Medical Journal), British Journal of Hematology, Calcified Tissue International, Cancer Epidemiology, Biomarkers and Prevention, Cancer Letters, Cancer Treatment Reviews, Circulation, Clinical Cancer Research, Clinical Endocrinology, Clinical Infectious Diseases, Clinical Trials, CMAJ (Canadian Medical Association Journal), Contemporary Clinical Trials, Controlled Clinical Trials, Drug Discovery Today, Drugs and Aging, Drug Safety, Emerging Infectious Diseases, Epidemiology, European Cytokine Network, European Journal of Cancer, European Journal of Clinical Investigation, European Journal of Epidemiology, European Journal of Human Genetics, FASEB Journal, Genetic Epidemiology, Genetics in Medicine, Genomics, Gut, HIV Clinical Trials, HIV Immunology Database, Human Genetics, Human Heredity, Human Immunology, Human Reproduction, Human Reproduction Update, International Journal of Biochemistry and Cell Biology, International Archives of Allergy and Immunology, International Journal of Cancer, International Journal of Epidemiology, International Journal of Immunogenetics, JAMA (Journal of the American Medical Association), Journal of Acquired Immune Deficiency Syndromes and Human Retrovirology, Journal of Antimicrobial Chemotherapy, Journal of Bone and Mineral Research, Journal of Clinical Epidemiology, Journal of Epidemiology and Community Health, Journal of General Internal Medicine, Journal of Infectious Diseases, Journal of Medical Genetics, Journal of Reproductive Immunology, Journal of Rheumatology, Journal of the National Cancer Institute, Kidney International, Lancet, Lancet Infectious Diseases, Lancet Neurology, Lung Cancer, Lupus, Maturitas, Mayo Clinic Proceedings, Molecular Genetics and Metabolism, Molecular Psychiatry, Nature, Nature Clinical Practice Cardiovascular Medicine, Nature Clinical Practice Rheumatology, Nature Genetics, Nature Reviews Genetics, NEJM (New England Journal of Medicine), Obstetrics and Gynecology, Paediatric and Perinatal Epidemiology, Pediatric Infectious Diseases Journal, Pharmacogenetics and Genomics, Pharmacogenomics, Pediatrics, Physiology and Behavior, PLoS Computational Biology, PLoS Medicine, PLoS ONE, PNAS (Proceedings of the National Academy of Sciences USA), Psychiatric Research, Quarterly Journal of Medicine, Rheumatology, Scandinavian Journal

of Rheumatology, Science, Scientometrics, The Cochrane Library, Tissue Antigens, Trials, Trends in Genetics, Trends in Microbiology, Trends in Pharmacological Sciences, Urology

- Invited external expert for the National Health Research and Development Program of Canada (1995).
- Invited peer-reviewer for strategic plan grant application, Medical Research Council (MRC), UK (1998).
- Primary reviewer for antiretroviral trials sponsored through ACTG and CPCRA at the Clinical Science Review Committee of the Division of AIDS, National Institutes of Health (1996 -8).
- Invited to contribute and assess questions for the Certification Examinations of the American Board of Internal Medicine, subspecialty Infectious Diseases (1997 and 1998).
- Peer-reviewer, Minority AIDS Training Program Fellowship, ACTG (1998).
- Consultant, Workshop on Research Needs for the Design of Surrogate Endpoints in Clinical Trials, Office of Science Policy, Office of the Director, National Institutes of Health (1998).
- Invited external reviewer for grant applications at the Committee for Biomedical Research, Central Health Council, Greece (1999).
- Reviewer for research grant applications and physician and director appointments, Hellenic Center for Infectious Disease Control, Greece (2000, 2001)
- Editor for therapeutics, prognostics, and diagnostics, HIV/AIDS Collaborative Review Group, International Cochrane Collaboration. (1998-)
- Member, Committee for Approval of Clinical Trials, Hellenic Foundation for Medicines, Greece, 1999-2000
- Member, Committee for Antibiotic Use, Hellenic Foundation for Medicines, Greece, 2000-2002
- Vice President, Board of Directors, Hellenic Center for Infectious Disease Control, Ministry of Health, Greece, 2000-1
- Member (expert), Greek delegation, European Union Council of Ministers of Health, Luxembourg, 6/2000
- Expert, High Level Round Table on Infectious Diseases and Poverty Reduction, European Commission/WHO/UNAIDS, Brussels, 9/2000
- Co-ordinating committee, MSc Program in Social Psychiatry, University of Ioannina, 2001-
- Director, Sector of Social Medicine and Mental Health, University of Ioannina School of Medicine, 2001-2002, 2003-2004, 2005-2006, 2007-2008
- Member, Administrative Council, University of Ioannina School of Medicine, 2001-2 and 2003-2004.
- Collaborating Scientist, Biomedical Research Institute, Foundation for Research and Technology-Hellas, Ioannina, 2001-.
- External reviewer, MRC, UK, 2003
- Book reviewer, Wiley, 2003, 2004, 2006
- Associate Editor, Encyclopedia of Clinical Trials, Wiley
- Member, Executive Committee, Human Genome Epidemiology (HuGE) Network, Centers for Disease Control and Prevention, Atlanta, USA, 3/2004-
- Adverse Event Reporting in Oncology (AERO), Executive Committee, 4/2004-
- Reviewer, European Science Foundation, 2004
- Member, Working Party, International Campaign to Revitalise Academic Medicine, 2004- (sponsored by BMJ and Lancet)
- External Reviewer, Swiss National Science Foundation, 2005
- Invited methodologist expert, KDIGO guidelines (international guidelines on kidney diseases), 2005-
- Founding member, Society for Research Synthesis Methodology, 2006-

- Member, Faculty of 1000 Medicine
- Evaluator, MacArthur Fellowship nominations, 2007, 2012, 2014
- Research grant evaluator, FP7, European Commission, 2007
- External reviewer, Research Grant council of Hong Kong, 2007
- Member of review panel/study section, NIMH, NIH, 2008
- President-elect, Society for Research Synthesis Methodology, 2008-9
- President, Society for Research Synthesis Methodology, 2009-10
- Reviewer of consensus report: “What Works in Health Care: Standards for Systematic Reviews”, Institute of Medicine, 2010
- Member, Program 10, Stanford Cancer Institute, 2010-
- Member, Methodology Committee, Patient-Centered Outcomes Research Institute (PCORI), appointed by U.S. Government Accountability Office, 2011-2013
- Organizer/convener, Innovation awards in population science, Stanford University, 2011-2012
- Book reviewer, Yale University Press, 2011
- Scientific Advisor, AlzBiomarkers database, AlzForum, 2011-
- Member, Research Priorities Working Group, PCORI, 2011
- Member, Women’s Health Initiative Scientific Resources Working Group, 2011-
- Member, Women’s Health Initiative Genomics Scientific Interest Group, 2011-
- Member, Biosciences advisory committee, National Council for Research and Technology, Greece, 2011-
- Member, Faculty Senate, Stanford University, 2011-2013
- Member, Implementation group, Population health sciences initiative, Stanford University, 2012-2013
- Member, Scientific Advisory Board, International Epidemiology Institute, Rockville, MA, 2012-
- Senior Advisor on Knowledge Integration, National Cancer Institute, National Institutes of Health, 2012-
- Scientific Advisory Board, Reproducibility Initiative, 2012-
- Scientific Advisory Board, Center for Open Science, 2013-
- Member, consensus panel on prevention of chronic non-communicable diseases, International Olympic Commission, 2013
- Reviewer of proposals, Sloan Foundation, 2013 and 2015
- Book reviewer, Oxford University Press, 2013
- Executive Advisory Board, Rapid Science, 2014-
- Invited, SciFoo Camp, Nature and Google, August 2014
- Advisory Board, Berkeley Initiative for Transparency in Social Sciences (BITSS), 2014-
- Chair, Scientific Advisory Board, Usher Institute of Population Health Sciences and Informatics, University of Edinburgh, UK, 2015-
- Scientific Advisory Panel, QUEST-Center for Transforming Biomedical Research, Berlin Institute of Health, Berlin, Germany, 2017-
- I have been invited repeatedly on hundreds of occasions by dozens of other national and international research grants organizations to act as reviewer, but have declined most of them, especially when physical presence has been required and travel is involved.

CHAIRMAN IN SESSIONS OF CONFERENCES: ~30

MEMBER OF SCIENTIFIC COMMITTEES OF CONFERENCES: ~30

EXTERNAL REFEREE FOR FACULTY PROMOTIONS: for ~50 different universities, research

institutions and national/royal academies in Greece, USA, Canada, Cyprus, UK, Australia, and the Netherlands.

EXTERNAL REFEREE FOR PhD THESES: 15

TRAINEES:

Primary supervisor for awarded PhD titles (n=18)

- Maria Baltogianni, currently attending in neonatal intensive care unit at University Hospital Ioannina, Greece; h=4
- Evangelos Evangelou, currently assistant professor (tenure track) in epidemiology, University of Ioannina School of Medicine, Greece. Also adjunct appointment at Imperial College London, UK; h=39
- Ioannis Giannakakis, currently in private practice in internal medicine in Ioannina, Greece, h=4
- Anna-Bettina Haidich, currently lecturer in hygiene (tenure-track), Aristotelean University of Thessaloniki, Greece, h=23
- Petros Isaakidis, currently senior leader, Medecins sans Frontiers, Capetown, South Africa, h=13
- Dimitrios Lathyris, currently attending in intensive care unit at university hospital in Thessaloniki, Greece, h=9
- George Liberopoulos, currently in fellowship training, h=7
- Fotini Kavvoura, currently junior faculty/consultant in endocrinology and diabetes at Oxford University, UK, h=19
- Davide Mauri, currently director of oncology, Lamia General Hospital, Greece, h=22
- Evangelia Ntzani, currently associate professor of epidemiology (tenured) at University of Ioannina School of Medicine, Greece. Also adjunct assistant professor appointment at Brown University, Providence, USA; h=22
- Emilios Pakos, currently assistant professor (tenure-track) in orthopedics research at University of Ioannina School of Medicine, Greece, h=22
- Panagiotis Papanikolaou, currently in fellowship training, ENT/U Athens, h=6
- Nikolaos Patsopoulos, currently assistant professor of neurology at Harvard Medical School, Boston, USA, h=26
- Nikolaos Polyzos, currently associate professor at the Vrije Universiteit Brussel and medical co-director in the Center for Reproductive Medicine in the Universitair Ziekenhuis Brussel, Belgium, h=29
- George Siontis, currently clinical and research fellow in cardiology, University of Bern hospital, Bern, Switzerland, h=14
- Athina Tatsioni, currently assistant professor of general medicine (tenure-track) at University of Ioannina School of Medicine, also adjunct appointment at Tufts University School of Medicine, Boston, USA, h=26
- Thomas Trikalinos, currently associate professor (tenured) and director of the Center for Evidence-Based Medicine at Brown University School of Medicine, Providence, USA, h=50
- Joshua D Wallach, currently postdoctoral fellow, Yale University, h=3 (the first student to graduate from the new PhD program in epidemiology and clinical research at Stanford)

Many of these scientists also worked with me either at pre-doctoral level (before starting their thesis) and/or at post-doctoral level before moving on with their careers to other positions. Overall, they currently hold appointments in 6 different countries.

Hirsch h-index values above are as per Google Scholar, August 2016 (median h=22). Of these 18 scientists, the proportion of citations that they have received in papers that we have co-authored together exceeds 50% of their total citations for all papers they have authored in their career to-date for Baltogianni M, Evangelou E, Giannakakis I, Haidich AB, Liberopoulos G, Kavvoura F, Mauri D, Ntzani E, Papanikolaou P, Siontis G, Trikalinos T, Wallach JD. The proportion is <50% for Isaakidis P, Lathyris D, Pakos E, Patsopoulos N, Polyzos N, Tatsioni A.

Other trainees (selectively):

Besides these PhD recipients where I was the main supervisor, several dozens of other young researchers who trained* with me as fellows or research associates or collaborated with me in the first stages of their careers already have faculty positions in various countries around the world.

*I don't like a lot the term "trained", but I use it here for convention – I consider that I am the one who tries to get trained when I work with younger colleagues. I enjoy working with young researchers and training with them, regardless of the distance involved, and many of them are not physically located where I am located. My "lab" is dispersed across dozens, if not hundreds, of locations around the world.

Selected researchers who have published two or more peer-reviewed papers as first authors in manuscripts where I am the senior author (they hold appointments in 14 different countries):

A. Trained with me as fellows, doctoral students or junior faculty at Stanford:

1. Stephan Bruns, currently Head of Junior Research Group "Meta-Research in Economics", University of Kassel, Germany, h=3. Was visiting scholar at Stanford.
2. Shanil Ebrahim, currently Assistant Professor, Department of Clinical Epidemiology and Biostatistics, McMaster University, Canada, also Consultant at Deloitte, h=13. Was postdoctoral fellow at Stanford
3. Lars Hemkens, currently Senior Scientist, Basel Institute for Clinical Epidemiology and Biostatistics, University Hospital Basel, Basel, Switzerland, h=13. Was Commonwealth Fund/postdoctoral fellow at Stanford.
4. Shanthi Kappagoda, currently Clinical Assistant Professor in Medicine - Infectious Diseases, Stanford, USA, h=8. Was fellow at Stanford Medicine
5. Visvam Nair, currently Instructor in Pulmonary Medicine and in Radiology, Stanford, USA, h=10. Was postdoctoral researcher at Stanford.
6. Orestis Panagiotou, currently Assistant Professor of Health Services Policy and Practice, Brown University School of Public Health, Providence, RI, USA, h=11. Was visiting fellow at Stanford.
7. Chirag Patel, currently Assistant Professor, Harvard Medical School, Boston, USA, h=16. Was NHLBI/T32 postdoctoral fellow at Stanford.
8. Nazmus Saquib, currently Assistant Professor at Department of Family and Community Medicine, Qassim University School of Medicine, Saudi Arabia, h=22. Was NHLBI/T32 postdoctoral fellow at Stanford.
9. Stelios Serghiou, currently PhD student in epidemiology and clinical research, Stanford University School of Medicine, Stanford, USA, h=2. Was visiting student (research) at Stanford.
10. Ewoud Schuit, currently assistant professor at the Julius Center, UMC Utrecht, University of Utrecht, Netherlands, h=10. Was postdoctoral fellow supported by a Rubicon grant at Stanford.
11. Denes Szucs, currently Reader in Psychology, Cambridge University, Cambridge, UK, h=26. Visiting collaborator/scholar at Stanford.

B. Trained/worked with me at the University of Ioannina

1. Despina Contopoulos-Ioannidis, currently Clinical Associate Professor of Pediatrics, Stanford, USA, h=30
2. Fotini Karassa, currently Lecturer in Rheumatology (tenure track), University of Ioannina School of Medicine, Ioannina, Greece, h=20
3. Panagiotis Kyzas, currently Specialty Registrar in Oral and Maxillofacial Surgery, Manchester, UK, h=22
4. Stefania Papatheodorou, currently Lecturer in Epidemiology, Cyprus International Institute for Environmental and Public Health, Cyprus University of Technology, Limassol, Cyprus, h=11
5. Tiago Pereira, currently Professor at Universidade de São Paulo, Sao Paulo, Brazil, h=15
6. Evangelos Rizos, currently Consultant Diabetologist, Attending in Internal Medicine, Ioannina University Hospital, Ioannina, Greece, h=22
7. Georgia Salanti, currently Associate Professor in Epidemiology, University of Ioannina School of Medicine, Ioannina, Greece, and Research group leader and Associate Professor in Epidemiology and Biostatistics, University of Bern, Switzerland, h=45
8. Konstantinos Siontis, currently fellow in cardiology, University of Michigan, Ann Arbor, Michigan, USA, h=12
9. Alexandros Sotiriadis, currently Lecturer in Obstetrics and Gynecology, Aristotelean University of Thessaloniki, Thessaloniki, Greece, h=25
10. Kostas Tsilidis, currently Assistant Professor in Epidemiology (tenure-track), University of Ioannina School of Medicine, Ioannina, Greece, h=25
11. Ioanna Tzoulaki, currently Senior Lecturer in Epidemiology, Imperial College London, London, UK, h=39

C. Other scientists with ≥ 2 papers where they are first authors and I am senior/last author

1. David Chavalarias, Director, Institute of Complex Systems, Paris, France, h=7
2. Anthony Doufas, Associate professor of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, h=27
3. Benjamin Djulbegovic, current Professor of Medicine and Oncology, University of South Florida, Tampa, FL, USA, h=55
4. Maria Elena Flacco, medical specialist in hygiene and preventive medicine, University of Pescara-Chieti, Pescara, Italy, h=11
5. Demosthenes Katritsis, currently Director of Cardiology, Athens Euroclinic, Athens, Greece and Honorary Consultant, St. George's, London, UK, and Lecturer, Harvard University, USA, h=46
6. Muin J. Khoury, Director, Office of Public Health Genomics, CDC, Atlanta, Georgia, and National Cancer Institute, NIH, Bethesda, Maryland, USA, h=98
7. Lamberto Manzoli, currently Associate Professor, University of Pescara-Chieti Gabrielle d'Anunzio, Chieti, Italy, h=29
8. Edward Mills, currently Professor at University of British Columbia and director of Redwood Outcomes, Vancouver, Canada, h=49
9. Harald Mischak, currently Professor of Proteomics, University of Glasgow, Glasgow, UK and Mosaiques Diagnostics, Hannover, Germany, h=75
10. Huseyin Naci, currently Assistant Professor, LSE, London, UK, h=17
11. Evropi Theodoratou, currently Chancellor's Fellow in Cancer Epidemiology, Usher Institute of Population Health Sciences and Informatics University of Edinburgh, Edinburgh, UK, h=26
12. Adriano Tonelli, currently attending in Pulmonary Medicine and Critical Care, Cleveland Clinic,

Cleveland, USA, h=11

13. Elias Zintzaras, currently Professor of Bioinformatics, University of Thessaly, Larissa, Greece, h=45

Hirsch h-index values above are as per Google Scholar, August 2016 (median h=22). Of these 35 scientists, the proportion of citations that they have received in papers that we have co-authored together exceeds 50% of their total citations for all papers they have authored in their career to-date for Contopoulos-Ioannidis DG, Karassa F, Nair V, Panagiotou O, Papatheodorou S, Siontis K and the proportion is <50% for the other 29 scientists.

ADMINISTRATIVE EXPERIENCE

Some selected highlights of administrative achievements/accomplishments under my leadership

1996-1998 Director for community research and community clinical trials, HIV Research Branch, National Institute of Allergy and Infectious Diseases, US National Institutes of Health. Responsible for the co-ordination, oversight, and methodological support of the research agenda that transformed HIV-1 infection from a highly lethal disease to a highly manageable condition with good outcomes through rigorous randomized controlled trials that led to the validation of highly active antiretroviral therapy (e.g. ACTG 320), the need for sustained viral suppression (e.g. ACTG 341), antiretroviral resistance testing (CPCRA GART trial), and other pivotal clinical research.

1999-2010 Chair, Department of Hygiene and Epidemiology, University of Ioannina School of Medicine. Created one of the leading departments in the field worldwide with major footprint in research, education, and societal impact and with world-caliber strengths in clinical epidemiology, genetic and molecular epidemiology, research methods, evidence synthesis, and evidence-based medicine. Within a decade, the department grew to involve more than 250 scientists in its work, including more than 30 PhD graduates, and published 16 of the 20 (80%) most-cited papers with an address from the University of Ioannina, including the most-cited paper of all times and all science with a corresponding address from Greece (one of the top-8 Altmetric scores across all papers of all times across all science) and 2 of the 8 most-cited papers of all times and all science with a corresponding address from Greece.

2010-2016 Division Chief, Stanford Prevention Research Center, Stanford University School of Medicine. Within 6 years, SPRC grew its annual budget from \$13 million to \$22 million, the center leadership group (principal investigator faculty and select senior staff leaders) grew from 13 to 20 people, the number of people employed grew to over 250 annually (approximately half of them part-time/temporary employees), and the number of published papers per year with an SPRC address increased 4-fold, with 89 published papers being in the top 1% of citations (field- and year-adjusted) according to Essential Science Indicators. By October 2016 (when I relinquished administrative SPRC duties so that I can devote more effort to METRICS, WELL and other new initiatives), SPRC had markedly grown its disease prevention and wellness programs at Stanford, nationally, and internationally, had launched major new initiatives both in research and education (e.g. WELL, and a MSc in Community Health and Prevention Research), and published approximately 15% of the most-cited papers of Stanford University School of Medicine according to Essential Science Indicators (higher than any other team at Stanford University School of Medicine).

2013-now Director, PhD in epidemiology and clinical research, Stanford University School of Medicine. In a process that lasted 2 years, I led the effort to get approved and launch a new PhD program

in epidemiology and clinical research at Stanford, with the first students admitted in 2013; the program is extremely competitive, and it had recruited top students in the first 3 years, the first of whom graduated in late 2016.

2014-now Director (one of two directors), Meta-Research Innovation Center at Stanford (METRICS), Stanford University. METRICS was launched with support from the Laura and John Arnold Foundation in December 2013 and acquired an executive team in the summer of 2014. Within a short time, it has become the leading center worldwide for meta-research (research on research), creating a connector hub for efforts to improve research practices through evidence, influence, and action. It currently consists of a core team of faculty, exec/admin team, senior scientists and visiting scholars, doctoral and postdoctoral students, 25 affiliated faculty members and their research teams at Stanford, several field-specific affiliated centers at Stanford (e.g. on neuroimaging and social sciences) and 28 affiliated faculty and their teams worldwide. Visit <http://metrics.stanford.edu> for updates.

2014-now Principal Investigator, Wellness Living Laboratory (WELL), Stanford University. WELL was launched in August 2014 with the aim to study wellness/well-being and its determinants, interventions that could improve wellness and biomarkers of wellness. Within two years, a core wellness/well-being module has been developed and along with several other modules focusing on diverse dimensions of wellness/well-being has been incorporated in cohorts of participants recruited in California, China, Taiwan and Singapore. Visit <http://med.stanford.edu/wellforlife.html> for updates.

COMPETITIVE RESEARCH FUNDING

Funded grants since moving to Stanford University:

HHSN268201100003C (Stefanick) 10/2010-9/2015
NIH/NHLBI
Women's Health Initiative Extension 2010-2015
Role: co-investigator, mentor for junior faculty

R21 NIH/NIGMS (Bhattacharya) 9/2011-9/2013
Exploring Medicare Provider Networks: Implications for Adoption of CER findings
Role: co-investigator

R01 NIH/NIDDK (Gardner) 9/2012 – 9/2017
Do Genotype Patterns Predict Weight Loss Success for Low Carb vs. Low Fat Diets?
Role: investigator.

Nutritional Science Initiative matching grant to extend the R01 on low carb vs. low fat diets
9/2013-8/2016
Role: investigator

R21 NIH/NICHHD (Ioannidis, Stanford PI) 7/2012-6/2014
Establishing surveillance of the pediatric evidence base for drug therapy
Role: Stanford PI

IPA NIH/NCI (Ioannidis) 6/2012 – 4/2016
Senior Advisor for Knowledge Integration
Role: senior consulting appointment

R01 NIH/NEI (Seddon) Etiologic Studies of Age-Related Macular Degeneration Role: investigator (subcontract to Stanford)	10/2012-09/2014
R21 NIH (Ioannidis, Stanford PI) Exclusion of Older Patients in Clinical Drug Trials Role: Stanford PI	04/2012-03/2015
Laura and John Arnold Foundation (Ioannidis/Goodman) Meta-Research Innovation Center at Stanford Role: Principal Investigator	12/2013-10/2017
R21 Office of Research Integrity, NIH (Fanelli/Ioannidis) 1 ORIIR130001-01-00 Research of the Responsible Conduct of Research Role: Stanford PI	10/2013-9/2016
5R01DA030005-05 NIH/NIDA (Sundquist/Ioannidis) Genetics, family environment, and neighborhood: impact on mental disorders Role: Stanford PI	2014-2015
R01 AI 68581-06A1 NIH/NIAID (Shafer) Public HIV Drug Resistance Database Role: co-investigator	9/2014-9/2017
1R01HL116381-01A1 NIH/NHLBI (Sundquist/Ioannidis) Neighborhoods and Coronary Disease: Exploring Mechanisms and Improving Methods Role: Stanford PI	9/2014-9/2018
R01 NIH/NIAID (Bendavid) Big Data Analysis of HIV Risk Role: co-investigator	06/2016-05/2020

Also I have been senior (co-)investigator in 4 pilot/innovation awards from the Stanford Clinical and Translational Science Institute and the Stanford Cardiovascular Institute, co-PI on a Canadian Institute of Health Research grant on network meta-analysis (PI: David Moher, U Ottawa), and a co-PI on a Templeton Foundation award to create a Metaknowledge Network (PI: James Evans, U Chicago).

I have also received several unrestricted gifts from philanthropy donors. Among them, most notable in particular is a \$10 million unrestricted gift that was made in August 2014 through the Nutrilite Health Institute Wellness Fund to Stanford University to help launch under my direction the Wellness Living Laboratory (WELL), a next-generation cohort focused on wellness outcomes with embedded multiple randomized trials on wellness and a concurrent biobank for biomarker studies. WELL has been launched initially in California, China (Hangzhou) and Taiwan (Taipei) and will soon be launched also in Singapore with a core of 10,000 participants in each site (up to 50,000 in Singapore).

Indicative prior grants at the University of Ioannina (before moving to Stanford):

From NIH, U.S. AHRQ, European Commission, Canadian Institute of Health Research, General Secretariat for Research and Technology (Greece), Michael J. Fox Foundation, Gani Foundation. The list of grants with principal investigator role (single PI or one of several PIs (Co-PI)) while at University of Ioannina includes:

2000-2003	Funder: European Commission
Title: Evidence based treatment in mental health: optimized use of databases, grant # QLRT-1999-31201, 2000-0201	
	Role: Co-PI
2002-2005	Funder: General Secretariat for Research and Technology, Greece and European Commission
Title: Meta-analysis in genetic informatics, grant #01ED237	
	Role: PI
2002-2006	Funder: European Commission
Title: GENOMOS: Genetic markers of osteoporosis, grant # QLRT-2001-02629	
	Role: Co-PI
2002-2004	Funder: European Commission
Title: AGREE: Towards effective health care policy in Europe: promoting a coherent approach to the development, dissemination, and assessment of clinical guidelines through established networks, grant # QLAM-2001-0057	
	Role: Co-PI
2003-2005	Funder: European Commission
Title: Evidence for Drugs and Alcohol Policy (EDAP): Cochrane Systematic Reviews, grant # 2002454	
	Role: Co-PI
2003-2005	Funder: Esther and Joseph Gani foundation
Title: International meta-analysis on anti-P antibodies in SLE, grant # 1516	
	Role: PI
2004-2005	Funder: Michael J. Fox Foundation
Title: Meta-analysis of genetic epidemiology studies for Parkinson's disease.	
	Role: Co-PI
2005-2008	Funder: General Secretariat for Research and Technology, Greece and European Commission
Title: Large scale evaluation of genetic information for multifactorial disease, grant #03ED14	
	Role: PI
2005-2006	Funder: Michael J. Fox Foundation
Title: Large-scale validation of whole genome association findings for Parkinson's disease	
	Role: Co-PI
2007-2008	Funder: Canadian Institute of Health Research (CIHR)
Title: Development of optimal methods for synthesizing evidence on gene disease associations and related interventions, grant #83116	
	Role: Co-PI
2008-2012	Funder: European Commission, FP-7-Health-2007
Title: Translational Research in Europe – Applied Technologies for Osteoarthritis (TREAT-OA), grant #FP7-HEALTH-2007-200800	
	Role: Co-PI
2008-2012	Funder: European Commission, FP-7-Health-2007
Title: Genetic factors for osteoporosis (GEFOS) grant # FP7-Health-2007-2.4.5-4	
	Role: Co-PI
2010-2012	Funder: Cyprus Research Promotion Foundation

Title: Meta-analysis of genome-wide association data and large-scale replication aiming to identify novel breast cancer susceptibility loci, grant # health/bios/0308

Role: Investigator

Finally, the editorial office of the European Journal of Clinical Investigation (the office is located at Ioannina) has been funded by Wiley and the European Society of Clinical Investigation since 2010.

Total: >\$40 million in grants and gifts where I have been principal investigator.

LITERARY WORKS:

I have written six books, all of them in the Greek language. I consider them at least as important as my scientific work and I work on them as such - actually it is very likely they are far more important, given that in research I am still considering myself no more than a learning novice who is passionately eager to learn more. The first three books comprise a trilogy and were published by Govostis editions (a leading publishing house for literature in Greece) in 1989, 1990, and 1991 – two of them carried original cover and frontispiece lithograph engravings by the late Vassilis Charos (1938-2000, arguably one of the greatest Greek engravers of the 20th century). The “Toccatà for the Girl with the Burnt Face” was published by Kedros editions in the summer of 2012 and it was shortlisted for the best book of the year Anagnostis awards in Greece in 2013 (www.oanagnostis.gr). The “Variations on the Art of the Fugue and a Desperate Ricercar” was published by Kedros editions in July 2014 and it was also shortlisted for the best book of the year Anagnostis awards in Greece in 2015. I am working on an English version of this book and looking for a publisher who would be interested to publish it. My latest book, the “Tractatus on the sixth fame” was published by Kedros editions in the summer of 2016.

- *Ιφινόος Ανύμενος* (Ifinoos Anymenos), Govostis, Athens, 1989. Cover and frontispiece art work by the author. See <http://www.govostis.gr/product/1379/ifinoos-anymenos.html>
- *Επάρνητος Φωτοθύτης* (Eparnitos Photothytes), Govostis, Athens, 1990. Cover and frontispiece lithograph engravings by Vassilis Charos. See <http://www.govostis.gr/product/1383/eparnitos-fwtothytis.html>
- *Η Κοίμηση της Ταξιδένιας* (The Dormition of the Lady Traveller), Govostis, Athens, 1991. Cover and frontispiece lithograph engravings by Vassilis Charos. See <http://www.govostis.gr/product/1389/i-koimisi-tis-taxidenias.html>
- *Τοκάτα για την Κόρη με το Καμένο Πρόσωπο* (Toccatà for the Girl with the Burnt Face), Kedros, Athens, 2012, 368 pages. See http://www.kedros.gr/product_info.php?manufacturers_id=&products_id=8102. The book has 10 chapters:

1. Canon in the style of Henry Purcell (In nomine – version 21)
2. Elegy for a winter in a non-existing island
3. Fragmenta
4. Anonymous, son of Anonymous (The non-recovered lost poems)
5. Hymn of the taxiarchs
6. The lost poem recovered
7. Epimythium to a homecoming
8. USB flash drives (The same theme seen from 8 different viewpoints)
9. Corrections in pencil
10. Canon in the style of Henry Purcell (In nomine – version 12)

- *Παραλλαγές πάνω στην Τέχνη της Φυγής και ένα Απονενοημένο Ριτσερκάο* (Variations on the Art of the Fugue and a Desperate Ricercar), Kedros, Athens, 2014, 320 pages. See http://www.kedros.gr/product_info.php?manufacturers_id=&products_id=8378

The book has 166 chapters, called Variations. Indicatively, here is the list of the titles or openings of the first 40 Variations:

- Variation 1 *In search of evidence*
Variation 2 *Desirable encounter*

Variation 3 “Little blue pseudonymous bird, don’t leave my garden”
 Variation 4 I don’t know myself well enough, but I always liked eucalyptus trees
 Variation 5 *Diary of a foreigner*
 Variation 6 Last June we were alone in the Garden of Eden
 Variation 7 I won’t defend myself, I am distressed by all these indicators
 Variation 8 *Inconceivable*
 Variation 9 *Difficult dialogue*
 Variation 10 I remember very well that afternoon when I was wearing that red sweater
 Variation 11 *The third time of Odysseus*
 Variation 12A In his dreams there often came the image of a large paved square
 Variation 12B *Specification*
 Variation 13 The purifying robot surveys the bottom of the swimming pool
 Variation 14 *Mythical city with an embedded biography of Caravaggio*
 Variation 15 *Return to Koronisia*
 Variation 16 Their sleep was recorded objectively in the actigraph
 Variation 17 These are the poems written in clogged sinks of civilization
 Variation 18 *Series of various observations*
 Variation 19 Sacred and miserable, the news arriving 10 hours after the future
 Variation 20 *Underground agent*
 Variation 21 *Unpredictable present time*
 Variation 22 *Unpredictable past*
 Variation 23 *Construction: work in progress*
 Variation 24 It was an embarrassment for the news anchors
 Variation 25 *From a distance*
 Variation 26 *Back to Venice*
 Variation 27 *Back to Lago di Como*
 Variation 28 *Anthill*
 Variation 29 *Stemming from*
 Variation 30 *Prayer to Leucothea*
 Variation 31 The cycle of the moon shrinks
 Variation 32 *Nikon*
 Variation 33 *Alonissos? Maybe.*
 Variation 34 *Authentication*
 Variation 35 *Existent summer items*
 Variation 36 *Happy summer 2011*
 Variation 37 *Not meeting the standards of high art*
 Variation 38A Table: Greek scientists with published works of high influence
 Variation 38B *Antiphon: Cloud of recognizable Greeks*
 Variation 39 *Bibliometrics*
 Variation 40 *August 12, after 12:20pm*

- Tractatus για την Έκτη Φήμη (Tractatus on the sixth fame), Kedros, Athens, 2016, 360 pages (April 2016) See http://www.kedros.gr/product_info.php?manufacturers_id=0&products_id=8561
 The book includes 4 different types of chapters: 166 chapters are called Paralogue (Παραλογία), 32 chapters are called Scientist Obituary (Νεκρολογία επιστήμονα), 21 are called Construction (Κατασκευή), and 21 are called Rape of Persephone (Λρπαγή της Περσεφόνης).

Selected comments/book criticisms on the Toccata:

- Γιώργος Αριστηνός, *Adagio ma non troppo*, περιοδικό Οροπέδιο, τεύχος 13, 2014 (included in his collection of critical essays, *Αφερέγγυοι και πλάνητες*, Kedros, 2015)
- Ρέα Σταθοπούλου, *Ποια είναι η κόρη με το καμένο πρόσωπο [Who is the girl with the burnt face?]*, 10/5/2013 <http://reastatho.blogspot.com/2013/05/blog-post.html>
- Χαράλαμπος Μουτσόπουλος, *Ιωάννης Π.Α. Ιωαννίδης - Τοκάτα για την κόρη με το καμένο πρόσωπο [John P.A. Ioannidis – Toccata for the girl with the burnt face]*, περιοδικό Poetix, τεύχος 8, 2013
- Χαράλαμπος Μουτσόπουλος, *Η υπόκωφη βία [The silent violence]*, εφημερίδα Το Βήμα, 2/5/2013, <http://www.tovima.gr/opinions/article/?aid=496704>
- Τα Νέα, *Ποιητική δεξιοτεχνία [Poetic dexterity]*, 9/10/2012 <http://www.tanea.gr/news/culture/article/4758341/?iid=2>
- See also published interview in Καθημερινή, *Η κρίση αποτελεί άλλοθι επικράτησης των ανάξιων, των ανίδεων και των ανέντιμων [The crisis is an excuse for allowing the unworthy, the incompetent and the dishonest to prevail]*, 20/12/2012 <http://www.kathimerini.gr/69831/article/afierwmata/iwannhs-iwannidhs>
- See also invited article in Καθημερινή, *Μόνη διάξοδος η αξιοκρατία [Meritocracy is the only solution]*, 4/1/2015 <http://www.kathimerini.gr/798206/opinion/epikairothta/politikh/monh-die3odos-h-a3iokratia>

Selected comments and interviews on the Variations:

- Καθημερινή, August 1, 2014, *Οι καλύτεροι Έλληνες επιστήμονες έχουν εξοριστεί από την Ελλάδα [The best Greek scientists are in exile from Greece]* <http://www.kathimerini.gr/778443/article/epikairothta/ellada/oi-kalyteroi-ellhnes-episthmones-exoyn-e3oristei-apo-thn-ellada>
- SKAI television, August 2014
- Presentation and interview at Athens 984 radio station, August 6, 2014
- Interview at Οικονομική Επιθεώρηση magazine, November 2014
- Acheloos TV, 2-hour interview, November 2014. <https://www.youtube.com/watch?v=rQ8QUc8mwEc>
<https://www.youtube.com/watch?v=JK9IO46MVhk>

- See also general interview (25-minutes) at MEGA TV, December 6, 2014. <http://www.megatv.com/embed/embed.asp?catid=13480&subid=20955&pubid=34235753>
- Ράδιο Ένα, *Μιλάμε για το βιβλίο [Let's talk about books]*, Βόλος, December 2014 www.youtube.com/watch?v=mWcUkbMFJyw
- See also published interview in Καθημερινή, *Στην Ελλάδα επικρατεί πνευματική γεροντοκρατία [Intellectual gerontocracy is prevailing in Greece]*, 21/12/2014 <http://www.kathimerini.gr/796797/article/proswpa/gecma-me-thn-k/giannhs-pa-iwannidhs-sthn-ellada-epikratei-pneyumatikh-gerontokratia>
- Interview with Βερώνη Δαλακούρα, Δάστιχο, <http://diastixo.gr/sinentefxeis/ellines/3808-ioannis-ioannidis>

Select comments and interviews on the Tractatus

- Το Βήμα, *Η Ελλάδα διώχνει τα λαμπρά παιδιά της*, 1/15/2017 (in Greek) <http://www.tovima.gr/science/article/?aid=856956&wordsinarticle=%ce%99%cf%89%ce%ab1%ce%bd%ce%bd%ce%af%ce%b4%ce%b7%cf%82>
- The comforting feeling of the numbers, Volkskrant, 10/8/2016, <http://www.volkskrant.nl/magazine/de-troostrijke-werking-van-het-getal~a4391395/> (in Dutch)

Selected book readings on my three latest books

1. Toccata: Athens (2012), Ioannina (2012)
2. Variations: Athens (2012), Ioannina (2014), Patras (2014), Nafplion (2015), Corfu (2016), San Francisco (2016)
3. Tractatus: Thessaloniki (2016), Athens (2016), scheduled readings for 2017 in Ioannina, Corfu, Patras, San Francisco.

OP-EDS ON GREECE AND ON PROMOTING SCIENCE

Having lived for many years in Greece, I am chagrined to see the demise of this beautiful country. I believe that Greece needs a major transformation to become a leader in science, technology, innovation and scholarship. My op-eds focus on the need to promote meritocracy, place priority on education and foster scientific excellence and scholarship. I think that meritocracy, education, and fostering scientific excellence and scholarship actually should be global priorities, not just for one nation or country.

Selected op-eds in Huffington Post (Greece edition), Al Jazeera America, Athens News Agency, Euroscientist, etc.:

1. Op-eds in Huffington Post, Greece edition, a full list can be retrieved in: <http://www.huffingtonpost.gr/ioannis-ioannidis/>
2. Free Greek science from political hampering (<http://www.euroscientist.com/free-greek-science-from-political-hampering/>), Euroscientist, October 5, 2015. See also Huffington Post: http://www.huffingtonpost.gr/ioannis-ioannidis/-/2283_b_8458912.html, Απελευθερώστε την ελληνική επιστήμη από τα πολιτικά εμπόδια.
3. Interview at Ημερησία, *Η Ελλάδα μπορεί να μην υπάρχει σαν χώρα σε 50 χρόνια* (Greece may not exist as a country in 50 years), September 27, 2015, <http://www.imerisia.gr/article.asp?catid=31205&subid=2&pubid=113754664>
4. Op-ed in Κεφάλαιο, *Ελληνική Ιστορία, Σεπτέμβριος 2015* (Hellenic History, September 2015), <http://www.capital.gr/arthra/3066096/elliniki-istoria-septembrios-2015>.
5. Op-ed, *Καθηγητές και επιστήμονες ψηφοδελτίων επικρατείας* (Professors and scientists in politics), <http://www.amna.gr/article-featured.php?id=88127>, Athens News Agency, September 15, 2015.
6. Op-ed in Καθημερινή, *Εξομολόγηση από έναν αφελή* (Confession by a naïve person), <http://www.kathimerini.gr/830743/article/epikairothta/politikh/apoyh-e3omologhsh-apo-enan-afelh>, September 13, 2015.
7. Κατατάξεις Πανεπιστημίων: πόσο αξιόπιστες είναι; (University ranking systems: how reliable are they), Καθημερινή, September 13, 2015 – special edition on education.
8. Can Greece become prosperous again?, Al Jazeera America, July 27, 2015 <http://america.aljazeera.com/opinions/2015/7/could-greece-become-prosperous-again.html>
9. Athens News Agency press release following my Dimitri Trichopoulos lecture with extensive coverage, June 2015, e.g. http://www.huffingtonpost.gr/2015/06/15/-diethnes-epistimonas-ellines-eksoteriko_n_7582842.html
10. See also related TV interview in SKAI TV in September 2015 <http://www.skai.gr/tv/show/?showid=65576>
11. See also radio interviews on Athens 984 in September 2015, First Programme, Athens Calling in October 2015, and National radio EPT3/FM102 in October 2012.

TEDxAcademy talk: Mediocracy versus meritocracy, Athens, September 2015

<http://www.tedxacademy.com/talks/john-g-a--ioannidis>

SELECTED VIDEOS FROM LECTURES, INTERVIEWS, AND DISCUSSIONS OF WORK FOR GENERAL AUDIENCE

I am totally unable to track or to list systematically public references to my work; perusing them at times is a humbling experience to see that people think so highly of me and of my work, while I am just struggling to understand the basics. The following list of some indicative material is not systematic, and is not selected based on importance or some quality rating scheme, but may be helpful for a general audience that is interested to start somewhere to understand some of my work:

A selection of a few videos of talks that I have given that are available online:

1. Invited talk at Google, 2014. <https://www.youtube.com/watch?v=GPYzY9I78CI>
2. Invited talk at Center for Law and Biosciences, Stanford Law School, 2013. <https://www.youtube.com/watch?v=VXiy51A-gP8>
3. Annual keynote EQUATOR lecture, Freiburg, 2012. <https://www.youtube.com/watch?v=KEAAHJDNCMQ>
4. Grand rounds at Stanford Department of Medicine on predictive medicine, 2012. <https://www.youtube.com/watch?v=mOpV30sMePk>
5. Lecture on genetic studies in Paris, 2014. http://www.dailymotion.com/video/x1w8kl_john-ioannidis-genetic-studies_school
6. Data sharing in clinical trials, Institute of Medicine, 2014. <https://www.youtube.com/watch?v=m8V1wmd-q0>
<https://www.youtube.com/watch?v=5mSd4CaYOHo>
7. Grand rounds at Stanford on Geometry of Evidence, 2013. https://www.youtube.com/watch?v=h_nXt0rsZVQ
8. Interview at European Forum Alpbach on Greek austerity, 2013. <http://vimeo.com/72494420>
9. Interview at TV3, Barcelona, Spain, 2011. <http://www.324.cat/noticia/1440926/societat/loannidis-reclama-mes-control-public-de-la-recerca-cientifica-biomedica-per-tenir-estudis-de-mes-qualitat>
10. Lessons and pitfalls from medical research, Berkeley, December 2014, <https://www.youtube.com/watch?v=Cs9dkey5BPo>
11. Proactive planning in the preclinical research arena, National Research Council, 2014. http://www.youtube.com/watch?v=ltr_xO6ZRY
12. John Ioannidis on moving towards truth in scientific research, Public Library of Science Q&A, San Francisco, 2014. <https://www.youtube.com/watch?v=KOZAV9AvIQE&feature=youtu.be>
13. 2015 Delta Omega lecture, Arnold School of Public Health, University of South Carolina, April 2015, <https://www.youtube.com/watch?v=1hVoAAkvbns>
14. Berlin Health Institute inaugural lecture, May 12, 2016, <https://www.youtube.com/watch?v=xGLF6oIIZYY>
15. Remarks, Medal for distinguished Service, Teachers College, Columbia University, May 2015. <https://www.youtube.com/watch?v=IISIMQVH0A>
16. Bradford hill lecture, London School of Hygiene and Tropical Medicine, London, July 2015, <https://panopto.lshhtm.ac.uk/Panopto/Pages/Viewer.aspx?id=a00111f1-78b8-4875-9b41-6e7d713a022a>
17. Evidence based medicine has been hijacked, Lown conference keynote, Chicago, April 2016, <https://www.youtube.com/watch?v=N63skNtYaJw>
18. Capturing the value of prevention, Singapore, May 2016, <https://www.youtube.com/watch?v=xaPnY7eDoFA>
19. Evidence Live keynote, Oxford, June 2016, Why most published clinical research is not useful, <https://www.youtube.com/watch?v=Uok-7NPFn4k>
20. Εκτίμηση της αξιοπιστίας της επιστημονικής βιβλιογραφίας, National Research Institute, November 2016, Athens, <http://www.blod.gr/lectures/Pages/viewlecture.aspx?LectureID=3144> (in Greek)
21. The 23rd Anatomy Lesson, "Biomedical research: the unfinished musical score", Concertgebouw symphony hall, Amsterdam, November 2016, <https://www.youtube.com/watch?v=AbJmfxeASc>

A selection of a few interviews:

1. John Ioannidis: Uncompromising gentle maniac. BMJ. 2015 Sep 24;351:h4992
2. Interview at NRC, The Netherlands, <http://www.nrc.nl/handelsblad/2015/11/14/gesel-van-de-wetenschap-ziet-licht-aan-de-horizo-1556180>
3. Interview with Steve Hsu, vice President for Research and Graduate Studies, Michigan State University, May 2015, <https://www.youtube.com/watch?v=knWdMFTVXH4>
4. From One to One Million Article Views: Q&A with Author John Ioannidis. Interview at PLoS blogs, <http://blogs.plos.org/speakingofmedicine/2014/06/23/one-one-million-article-views-qa-author-john-ioannidis/>
5. Lies, Damn Lies, and Medical Science, Brave Thinkers, The Atlantic. <http://www.theatlantic.com/magazine/archive/2010/11/lies-damned-lies-and-medical-science/308269/>
6. The man who would prove all studies wrong. Interview at the New Scientist. <http://www.newscientist.com/article/mg19726432.000-interview-the-man-who-would-prove-all-studies-wrong.html>
7. Excerpt from David Freedman's Wrong. New York Times. http://www.nytimes.com/2010/06/11/books/excerpt-wrong.html?pagewanted=all&_r=0
8. Is science funding encouraging conformity. Interview at Boston Globe. <http://www.boston.com/news/science/blogs/science-in-mind/2012/12/06/science-funding-encouraging-conformity/kKikhMYowmAjzCIEIGQcK/blog.html>
9. Waarom (bijna) alles wat u weet, niet klopt. Interview at de Volkskrant (Netherlands). <http://www.volkskrant.nl/wetenschap/waarom-bijna-alles-wat-u-weet-niet-klopt-a3770924/>
10. Interview at Horizons, magazine of the Swiss National Science Foundation and Swiss Academy of Sciences, March 2014 issue. <http://www.snf.ch/en/researchinFocus/research-magazine-horizons/archive/Pages/default.aspx>
11. Collaboration and transparency. Interview at People and Perspectives, Public Responsibility in Medicine and Research. <http://www.peopleandperspectives.org/story/interview-ioannidis-2>
12. I am happy to find my own errors. Interview at Lab Times, http://www.labtimes.org/i50/i_07.lasso
13. De wetenschap zit op 't foute pad. Interview at De Trouw (Netherlands), 13/9/2014.
14. Q&A: overhaul the funding system. Interview at The Scientist. <http://www.the-scientist.com/?articles.view/articleNo/31258/title/Q-A--Overhaul-the-Funding-System/>
15. Can we Trust the Claims in Scientific Research Findings? February 27, 2015. An interview with John Ioannidis reporting from the American Association for the Advancement of Science annual meeting. By Ian Sample, Science Weekly, Guardian. <http://www.theguardian.com/science/audio/2015/feb/27/scientific-research-papers-climate-control-aaas-meeting-san-jose>
16. John Ioannidis has Dedicated his Life to Quantifying How Science is Broken. February 16, 2015, The author of "Why Most Published Research Findings are False", remains optimistic about improving science through meta-research. By Julia Belluz, Vox Media. <http://www.vox.com/2015/2/16/8034143/john-ioannidis-interview>
17. Η ζωή είναι ένα μη τυχαίο πείραμα (Life is a non-randomized experiment), συνέντευξη στον Ερμή, (in Greek) 7/2015,

http://www.saka.gr/ermis51/Hermes_51.html

18. BBC World Newshour, August 2015, <http://www.bbc.co.uk/programmes/p030csz8> (after 45.00 minute)
19. National Public Radio KPCC Los Angeles, Take Two, August 28, 2015, <http://www.scp.org/programs/take-two/> (after 8.50 minute)
20. Interviews at United Daily News, Taiwan, 9/2015, <http://udn.com/news/story/7266/1201482> and <http://udn.com/news/story/9/1199252>
21. Interview at the Lown conference, Chicago, 4/2016, <https://www.youtube.com/watch?v=PkieEZl66sw>
22. Bloomberg, Is it science or hype behind Theranos claims, <https://www.bloomberg.com/news/videos/2016-05-27/is-it-science-or-hype-behind-theranos-claims>, May 27, 2016
23. Επιστημονικά «παραστρατήματα» στο φως, Βήμα, Science (in Greek, 11/12/2016), <http://www.tovima.gr/science/article/?aid=850336>
24. National Public Radio, Reviews Of Medical Studies May Be Tainted By Funders' Influence, 10/16/2016, <http://www.npr.org/sections/health-shots/2016/10/12/497550681/reviews-of-medical-studies-may-be-tainted-by-funders-influence>
25. Are big ideas too entrenched? Health Report, Australian Broadcasting Corporation, <http://www.abc.net.au/radionational/programs/healthreport/are-big-ideas-too-entrenched/8002076>
26. The comforting feeling of the numbers, Volkskrant, 10/8/2016, <http://www.volkskrant.nl/magazine/de-troostrijke-werking-van-het-getal-a4391395/> (in Dutch)
27. Rationally speaking, John Ioannidis on what happened to evidence-based medicine, <http://rationallyspeakingpodcast.org/show/rs-174-john-ioannidis-on-what-happened-to-evidence-based-med.html>

A few select narrative stories on my work at Stanford and Tufts magazines

28. Taylor McNeal. The man who did the math. Tufts Now. <http://now.tufts.edu/articles/man-who-did-math>
29. Joan O'Connell Hamilton. Something doesn't add up. Stanford Magazine. Stanford Alumni Association. https://alumni.stanford.edu/get/page/magazine/article/?article_id=53345
30. Esther Landhuis. Research re-examined: New claims get all the attention, even if they're exaggerated or false. Stanford Medicine Plus. <http://stanmed.stanford.edu/2014fall/research-re-examined.html>
31. Alexandra Bourdillon. Prevention Research Center to Launch Wellness Living Laboratory. Stanford Daily. <http://www.stanforddaily.com/2014/11/03/prevention-research-center-to-launch-wellness-living-laboratory/>

An op-ed I wrote in the Guardian:

<http://www.theguardian.com/commentisfree/2015/aug/28/psychology-experiments-failing-replication-test-findings-science>

A few select discussions of my work in the Economist, New York Times and Sueddeutsche Zeitung.

- 1 Metaphysicians. The Economist. <http://www.economist.com/news/science-and-technology/21598944-sloppy-researchers-beware-new-institute-has-you-its-sights-metaphysicians>
- 2 Money and science: To he that hath. The Economist 8/12/2010. <http://www.economist.com/news/science-and-technology/21567878-americas-national-institutes-health-may-not-support-best-researchers-he>
- 3 Medical statistics: signs of the times. The Economist 22/2/2007. <http://www.economist.com/node/8733754>
- 4 Scientific journals: publish and be wrong. The Economist 9/10/2008. <http://www.economist.com/node/12376658>
- 5 Scientific accuracy ... and statistics. The Economist 1/9/2005. <http://www.economist.com/node/4342386>
- 6 Trouble at the lab. The Economist. <http://www.economist.com/news/briefing/21588057-scientists-think-science-self-correcting-alarming-degree-it-not-trouble>
- 7 New truths that only one can see. New York Times. <http://www.nytimes.com/2014/01/21/science/new-truths-that-only-one-can-see.html>
- 8 When studies are wrong: A coda. George Johnson, New York Times 7/3/2014. <http://www.nytimes.com/2014/03/07/science/when-studies-are-wrong-a-coda.html>
- 9 Exercise as potent medicine. Gretchen Reynolds, New York Times, 11/12/2013. <http://well.blogs.nytimes.com/2013/12/11/exercise-as-potent-medicine/>
- 10 Do clinical trials work. Clinton Leaf, New York Times 13/7/2013. <http://www.nytimes.com/2013/07/14/opinion/sunday/do-clinical-trials-work.html?pagewanted=all>
- 11 What do scientific studies show. Garry Gutting, New York Times, 25/4/2103. <http://opinionator.blogs.nytimes.com/2013/04/25/what-do-scientific-studies-show/>
- 12 Gier nach Fliegensexgeschichten. Sueddeutsche Zeitung. 26/6/2014. <http://www.sueddeutsche.de/wissen/verruetzte-studien-gier-nach-fliegensexgeschichten-1.2015966>
- 13 Blutwerte ohne wert. Sueddeutsche Zeitung. 11/6/2011. <http://www.sueddeutsche.de/gesundheit/biomarker-blutwerte-ohne-wert-1.1104021>
- 14 Pillen mit Vergangenheit Meist vergehen Jahrzehnte, bis die Wirkung eines Medikaments gut untersucht ist und es zugelassen werden kann. Sueddeutsche Zeitung 10/5/2010. <http://www.sueddeutsche.de/wissen/pillen-mit-vergangenheit-meist-vergehen-jahrzehnte-bis-die-wirkung-eines-medikaments-gut-untersucht-ist-und-es-zugelassen-werden-kann-1.368762>
- 15 Kleine Untersuchung, große Wirkung. Sueddeutsche Zeitung 24/10/2012. <http://www.sueddeutsche.de/gesundheit/medizinische-studien-kleine-untersuchung-grosse-wirkung-1.1504536>

A few more select discussions of my work

- 1 Stuart Blackman: The man who'd prove all studies wrong. The Scientist, 12/9/2005. <http://www.the-scientist.com/?articles.view/articleNo/16676/title/The-man-who-d-prove-all-studies-wrong/>
- 2 Sharon Begley: Why almost everything you hear about medicine is wrong. Newsweek. <http://www.newsweek.com/why-almost-everything-you-hear-about-medicine-wrong-66947>
- 3 Julia Belluz: When science is not science-based: in class with John Ioannidis. Maclean's. <http://www.macleans.ca/society/life/when-science-isnt-science-based-in-class-with-dr-john-ioannidis/>
- 4 Gavin Yamey: The bias busters. BMJ 2014; 349 doi: <http://dx.doi.org/10.1136/bmj.g4748>
- 5 Richard Smith: Time for science to be about truth rather than careers. BMJ blog. 9/9/2013. <http://blogs.bmj.com/bmj/2013/09/09/richard-smith-time-for-science-to-be-about-truth-rather-than-careers/>
- 6 Ulrich Dirnagl: 10 years after: Ioannidis revisits his classic paper. <http://dirnagl.com/> 23/10/2014.
- 7 Washington Post, July 3, 2015: <http://www.washingtonpost.com/news/to-your-health/wp/2015/07/03/the-insanely-influential-stanford-professor->

CITATION IMPACT:

- Listed as one of the most highly cited researchers with all databases that provide citation-based rankings (Highly Cited Researchers by Thomson Reuters ISI/Essential Science Indicators, Scopus/Map of Science, Microsoft Academic Search).
- According to Thomson ISI Web of Knowledge >80,000 citations, according to Scopus >80,000 citations, according to Google Scholar >135,000 citations to-date.
- Current citation rate (rate of increase of citations): > 1,300 citations per month per ISI, > 1,300 citations per month per Scopus; >2,500 citations per month per Google Scholar, i.e. among the top 20 most-cited scientists among 20+ million authors across all science (5-6th most cited across all medicine and life sciences in Scopus, most-cited physician worldwide based on this current citation rate).
- Hirsch citation indices (per Hirsch, PNAS 2005) based on Thomson ISI Web of Knowledge: h index=126, i.e. 126 papers have ≥ 126 citations each, m index =6 where $m=h/y$, y=number of years publishing peer-reviewed papers; h=126 according to Scopus and h=156 according to Google Scholar (thus, m index = 7 per Google Scholar) as of June 2017.
- Cumulative impact factor of all publications is probably over 10000, but it is well known to be an unreliable metric that should be abandoned, so I prefer reporting more reliable citation indices
- Schreiber hm-index=90 per Google Scholar as of early 2017.
- H(F/L)=122 when limited to first- and last(senior)-author papers per Google Scholar.
- 103 papers with >200 citations as first/single (n=34), last (n=25) or other position author (n=44) per Google Scholar as of early 2017.
- 6 papers with over 1,000 citations (single author in one, first author in one, other positions in 4) according to Thomson Reuters ISI Web of Knowledge (among the 58 million papers indexed over all years, only 14,500 papers exceed 1,000 citations) as of the end of 2014.
- Per Microsoft Academic Search data (last available update December 2012), highest h-index for citations in the last 5 years among all 15,978 scientists with Stanford University affiliation in that same period (any scientific field); also highest h-index among all 20,887 Stanford University affiliation scientists in the last-10 years.
- Top-cited biomedical researcher for Scopus (included in the list of the 400-most cited biomedical scientists based on combination of h-index and total citation count, one of the youngest researchers in the list), 1996-2011.
- Highly Cited Researcher 2014, according to Thomson Reuters (main field concentration: Clinical Medicine)
- Highly Cited Researcher 2015, according to Thomson Reuters, in both Clinical Medicine and Social Sciences
- Highly cited Researcher 2016, according to Thomson Reuters, in both Clinical Medicine and Social Sciences
- Listed among the highly cited scientists in the Thomson Reuters Essential Science Indicators with 66 papers listed as top papers (top 1% in their year of publication and field) by Essential Science Indicators in the last decade in the fields of Clinical Medicine (n=32 papers), Social Sciences, General (n=16 papers), Molecular Biology and Genetics (n=7 papers), Psychiatry/Psychology (n=2 papers), Computer Science (n=1 paper), Mathematics (n=3 papers), Biology and Biochemistry (n=2 paper), Neurosciences (n=3 paper) as of January 2017.
- Have authored the highest number of papers (n=43) in the top 1% of citations adjusting for year of publication and field among all authors from Stanford University School of Medicine in 2012-2016

according to Thomson Reuters Essential Science Indicators.

- The PLoS Medicine paper on “Why most published research findings are false” is the most-cited scientific article of all times with a corresponding author address from Greece 4287 citations per Google Scholar as of January 2017) and the “Replication validity of genetic association studies” (Nature Genetics 2001) is the 7th most-cited of all times with a corresponding author address from Greece.
- The PLoS Medicine paper on “Why most published research findings are false” is one of the 8 articles with the highest Altmetric scores among all scientific articles as of October 2016 (Altmetric score: 5415)
- The following 22 papers are among the top 10,000 highest Altmetric-score papers across the scientific literature as of March 2017:
 1. Ioannidis JPA. Why most published research findings are false. PLoS Medicine 2005, 2:e124. Score 5688 (highest Altmetric score of all time for PLoS Med; 10th highest of all scientific literature)
 2. Munafò MR, Bishop DV, Button KS, Chambers C, Nosek B, Percie du Sert N, Simonsohn U, Wagenmakers E-J, Ware JJ, Ioannidis JPA, A manifesto for reproducible science. Nature Human Behaviour 2017, 1:0021. Score 2121 (highest Altmetric score of all time for NHB; 197th highest of all scientific literature)
 3. Naci H, Ioannidis JP. Comparative effectiveness of exercise and drug interventions on mortality outcomes: meta-epidemiological study British Medical Journal 2013, 347:f5577. Score 1658 (18th highest Altmetric score of all time for BMJ, 389th highest of all scientific literature)
 4. Ioannidis JP. How to make more published research true. PLoS Medicine 2014, 11:e1001747. Score 1350 (4th highest Altmetric score of all time for PLoS Med, 669th of all scientific literature)
 5. Schoenfeld J, Ioannidis JPA. Does everything we eat cause cancer? A systematic cookbook review. American Journal of Clinical Nutrition 2013, 97:127-34. Score 1287 (2nd highest Altmetric score of all time for Am J Clin Nutrition, 743th of all scientific literature)
 6. Szucs D, Ioannidis JPA. Empirical assessment of published effect sizes and power in the recent cognitive neuroscience and psychology literature. BioRxiv doi: <http://dx.doi.org/10.1101/071530>. Score 1243 (3rd highest Altmetric score of all time for BioRxiv; 804th highest of all scientific literature).
 7. Button KS, Ioannidis JP, Mokrysz C, Nosek BA, Flint J, Robinson ES, Munafò MR. Power failure: why small sample size undermines the reliability of neuroscience. Nature Reviews Neuroscience 2013, 14:365-76. Score 1052 (2nd highest Altmetric score of all time for Nature Reviews Neuroscience, 1206th of all scientific literature)
 8. Ioannidis JP. Why most clinical research is not useful. PLoS Medicine 2016, 13:e1002049. Score 978 (7th highest Altmetric score of all time for PLoS Med, 1440rd of all scientific literature)
 9. Murad MH, Montori VM, Ioannidis JPA, Jaeschke R, Devereaux PJ, Prasad K, Neumann I, Carasco-Labra A, Agoritsas T, Hatala R, Meade MO, Wyer P, Cook DJ, Guyatt G. How to read a systematic review and meta-analysis and apply the results to patient care: Users' Guide to the Medical Literature. JAMA 2014, 312:171-9. Score 771
 10. Ioannidis JP. The mass production of redundant, misleading, and conflicted systematic reviews and meta-analyses. Milbank Quarterly 2016. Score 668 (highest Altmetric score of all time for Milbank Quarterly)
 11. Joyner MJ, Paneth N, Ioannidis JP. What happens when underperforming big ideas in research become entrenched? JAMA 2016 Jul 28. doi: 10.1001/jama.2016.11076. [Epub ahead of print]. Score 616
 12. Iqbal S, Wallach J, Khoury MJ, Schully S, Ioannidis JP. Reproducible research practices and transparency across the biomedical literature. PLoS Biology 2016, 14:e1002333. Score 579
 13. Ioannidis JP. Evidence-based medicine has been hijacked: a report to David Sackett. Journal of Clinical Epidemiology 2016, 73:82-6. Score 570 (highest Altmetric score of all time for Journal of Clinical Epidemiology)

14. Chavalarias D, Wallach J, Li A, Ioannidis JPA. Evolution of reporting of p-values in the biomedical literature, 1990-2015. *JAMA* 2016, 315:1141-8. Score 529
15. Ioannidis JP, Boyack KW, Klavans R. Estimates of the continuously publishing core in the scientific workforce. *PLoS One* 2014, 9:e101698. Score 515
16. Theodoratou E, Tzoulaki I, Zgaga L, Ioannidis JP. Vitamin D and multiple health outcomes: umbrella review of systematic reviews and meta-analyses of observational studies and randomised trials. *BMJ* 2014, 348:g2035. Score 502
17. Szucs D, Ioannidis JPA. Empirical assessment of published effect sizes and power in the recent cognitive neuroscience and psychology literature. *PLoS Biology* 2017 (see also BioRxiv above). Score 445
18. Ebrahim S, Sohani ZN, Montoya L, Agarwal A, Thorlund K, Mills EJ, Ioannidis JPA. Re-analyses of randomized controlled trial data. *JAMA* 2014, 312:1024-32. Score 397
19. Ioannidis JP. Stealth research and Theranos: reflections and update 1 year later. *JAMA* 2016, 316:389-90. Score 390
20. Ebrahim S, Bance S, Athale A, Malachowski C, Ioannidis JP. Meta-analyses with industry involvement are massively published and report no caveats for antidepressants. *Journal of Clinical Epidemiology* 2016, 70:155-63. Score 389 (second highest score of all time for *Journal of Clinical Epidemiology*)
21. Saquib N, Saquib J, Ioannidis JPA. Does screening for disease save lives in asymptomatic adults? Systematic review of meta-analyses and randomized trials. *International Journal of Epidemiology* 2015, 44:264-77. Score 388
22. Ioannidis JPA. Stealth research: is biomedical innovation happening outside the peer-reviewed literature. *JAMA* 2015, 313:663-4. Score 386

OTHER IMPACT

- Over 120 publications have been accompanied by editorials in the same journal issue as they were published.
- Many publications have been covered by press releases by Reuters or Associated Press. Comments and coverage on my work have appeared repeatedly in *Science*, *Nature*, *New Scientist*, *Scientist*, *Science AAAS News*, *Scientific American*, *Chronicle of Higher Education*, general journals (e.g. *Economist*, *New Yorker*, *Forbes*, *Newsweek*, *Wall Street Journal*, *Wired*, *Technology Review*), *CNN.com*, and thousands of international newspapers and news media around the world. I have given interviews for my work on the National Public Radio, and national radio/TV channels in Australia (Australian Broadcasting Corporation), Canada, Switzerland, Austria, Germany, Denmark, Italy, Spain, and Greece among others. I was selected as the Brave Thinker scientist for 2010 by *The Atlantic* (see article by David H. Freedman in November 2010 issue). Several bestseller books include interviews that I have given to different authors about issues of scientific methods and bias. The 2005 paper on “Why most published research findings are false” is the most frequently accessed/downloaded article in the history of the Public Library of Science and in the open-access peer-reviewed journal literature in general with over 2 million hits to-date.

OTHER INTERESTS:

History, classical music, painting, visiting remote islands of the Mediterranean, hiking (e.g. in the magnificent, noble mountains surrounding Ioannina), sports (swimming, basketball, and epee fencing), walking across the beautiful Stanford campus (and visiting other universities and research institutions) to meet people who know far more than I do, finding out errors and mistakes I have made (there is no end to them), spending time with my wife and my daughter.