Curriculum Vitae
Anna Chaimani, PhD

PERSONAL INFORMATION

Date of Birth: 14 February 1986

Nationality: Greek

Address: Centre de Recherche Épidémiologie et Statistique Sorbonne Paris Cité (CRESS-UMR1153) Hôpital Hôtel-Dieu, 1 place du Parvis Notre-Dame, 75004 Paris, France

e-mail: anna.chaimani@parisdescartes.fr

Tel: +33 01 42 34 78 24

QUALIFICATIONS

September 2019: **Habilitation à Diriger des Recherches**
Faculty of Medicine, Paris Descartes University, France

May 2014: **PhD in Epidemiology**
Department of Hygiene and Epidemiology, University of Ioannina School of Medicine, Greece
Thesis: "Investigating bias in network meta-analysis" (in English)
supervisor: Prof. Georgia Salanti
Network meta-regression models for small-study effects and empirical evaluation of the impact of risk of bias in network meta-analysis, development of software and presentation tools for network meta-analysis

January 2011: **MSc in Biostatistics**
School of Medicine & Department of Mathematics, National University of Athens, Greece (overall mark 85%, distinction)
Thesis: "Prognostic significance of EGFR gene copy number gain in NSCLC: a systematic review and meta-analysis" (in Greek)

June 2008: **BSc in Mathematics (hons. 4 years)**
Department of Mathematics, National University of Athens, Greece

Languages: Greek & English fluently, German and French intermediate

PROFESSIONAL EXPERIENCE

October 2016 –
December 2019: **Chaire d' excellence - Univesrité Sorbonne Paris Cité (USPC)**
School of Medicine, Paris Descartes University, France
Working on methods for network meta-analysis

October 2015-
November 2016: **Postdoctoral Research Associate in Epidemiology**
Department of Hygiene and Epidemiology, University of Ioannina School of Medicine, Greece
Working on the project "Optimizing therapy to prevent avoidable hospital admissions in the multimorbid elderly" [Horizon 2020 grant] (www.operam-2020.eu)

June 2014-
September 2015: **Postdoctoral Research Associate in Epidemiology**
Department of Hygiene and Epidemiology, University of Ioannina School of Medicine, Greece
Working on the project "Missing outcome data in psychiatric trials & meta-analysis" (missoptima.project.uoi.gr)

December 2010-
May 2014: **Research Associate in Epidemiology**
Department of Hygiene and Epidemiology, University of Ioannina School of Medicine, Greece
Working on the projects "Integrating the multiple meta-analysis" [ERC Starting Grant] (www.mtm.uoi.gr) and "Methods for comparing multiple interventions in Cochrane intervention reviews and overviews" [Methods Innovation Fund Project] (www.cmim.cochrane.org)

January 2009 –
December 2009: **Research Assistant in Biostatistics**
Harokopion University, Athens, Greece

VISITING FELLOWSHIPS

April 2016-
June 2016: **Visiting Fellowship funded by the Swiss National Foundation**
hosted at Institute of Social and Preventive Medicine, University of Bern, Switzerland

Working with Prof Georgia Salanti on a network meta-analysis assessing the comparative effectiveness and acceptability of first- and second-generation antidepressants in the acute treatment of major depression

June 2014: **Visiting Fellowship funded by the Methods Innovation Fund Program of the Cochrane Collaboration**
hosted at School of Social and Community Medicine, University of Bristol, UK
Working with Prof Julian Higgins and Dr Deborah Caldwell on drafting the chapter about network meta-analysis for the book "Cochrane Handbook for Systematic Reviews of Interventions"

TEACHING

- Responsible for the module on "Network Meta-analysis" at Master 2 "*Comparative effectiveness research", Paris Descartes University, Paris, France, since 2016* (40h)
- Teaching Master students in the course "*Methods for Conducting Systematic Reviews and Meta-Analyses*", *Department of Epidemiology, Johns Hopkins Bloomberg School of Public Health, March 2019, Baltimore, US* (3h)
- Teaching undergraduate students in the course "Advanced Biostatistics", *Faculty of Medicine, Paris Descartes University, Paris, France, since 2017* (3h)
- Teaching in the MSc course "Pain Management", *University of Ioannina School of Medicine, May 2014, Ioannina, Greece* (8h)
- Teaching in the MSc course "Primary care", *Thessaly University School of Medicine, May 2012, Larissa, Greece* (4h)
- Teaching undergraduate students in the courses "Medical Mathematics and Biostatistics" and "Hygiene & Epidemiology", *University of Ioannina School of Medicine, 2011-2014, Ioannina, Greece* (11h)

Teaching in international courses and workshops:

- Teaching in the Epidemiology and Population Health Summer Institute at Columbia University the two-day seminars "Network meta-analysis", "Meta-analysis of observational studies" and "Systematic Reviews", *2017-2018, New York, US*
- Teaching in the "*GRADE workshop*" organized by Hospital Alemão Oswaldo Cruz and Brazilian Ministry of Health the new online application CINeMA (Confidence in Network Meta-Analysis), *April 2019, Brasilia, Brazil*
- Organizing and teaching the workshop "Graphs to enhance understanding and improve interpretability of the evidence from network meta-analysis: a hands-on tutorial in Stata", *presented at each annual Cochrane Colloquium 2013-2016*
- Teaching the workshop "Accounting for missing outcome data in meta-analysis", *presented at each annual Cochrane Colloquium since 2014*

- Teaching the workshop "Comparing multiple interventions workshop 1: introduction to indirect comparison and network meta-analysis", *24th Cochrane Colloquium, October 2016, Seoul, South Korea*
- Teaching in the one-day pre-Colloquium workshop "Indirect comparisons and network meta-analysis in Cochrane Reviews", *October 2015, Vienna, Austria*
- Teaching in the three-day course "How to appraise, interpret and publish a network meta-analysis", *2014-2016, Oxford, UK*
- Teaching in the two-day Parallel Course on Network Meta-Analysis of the Cochrane mid-year meeting, *May 2015, Athens, Greece*
- Teaching in the Swiss Epidemiology Winter School the three-day seminar "Indirect comparisons and network meta-analysis: Evidence synthesis with multiple treatments", *2014-2015, Wengen, Switzerland*
- Teaching the workshop "Comparing multiple treatments 2: statistical methods for network meta-analysis". *22nd (September 2014, Hyderabad, India) and 25th Cochrane Colloquium (September 2017, Cape Town, South Africa)*
- Teaching the workshop "Introduction to meta-analysis 3: Dealing with Heterogeneity". *19th Cochrane Colloquium (October 2011, Madrid, Spain) and 21st Cochrane Colloquium (September 2013, Quebec City, Canada)*

SUPERVISED THESES AND INTERNSHIPS

PhD candidates:

Thesis started in September 2019:

Theodoros Evrenoglou
Ecole doctorale Pierre Louis de santé publique: ED 393 Epidémiologie et Sciences de l'Information Biomédicale
"Dealing with sparse data in network meta-analysis"
Funded through an international doctoral contract from University of Paris (IDEX 2019)

Thesis started in October 2018:

Chérifa Cheurfa
Ecole doctorale Pierre Louis de santé publique: ED 393 Epidémiologie et Sciences de l'Information Biomédicale
"Observational studies in network meta-analyses: The example of anaesthesiology"

MSc students:

1. Maurice Zanetsie, MSc in Comparative Effectiveness Research, Paris Descartes University, Paris, France: *Evaluation of the impact of missing outcome data imputations in meta-analyses of aggregate data: a simulation study*, January 2019-July 2019

2. Eirini Pagkalidou, MSc in Comparative Effectiveness Research, Paris Descartes University, Paris, France: *Empirical evaluation of the impact of including inactive intervention arms in randomized trials and implications for network meta-analyses*, January 2018-July 2018
3. Kristen King, MSc of Public Health (MPH) in Epidemiology, Columbia University Mailman School of Public Health, New York, US: *The impact of control group risk in networks of interventions*, May 2017-July 2017
4. Krishna Bhavsar, MSc Méthodes en évaluation thérapeutique, Université Paris Diderot – Paris Descartes, Paris, France: *Validity of results obtained from industry-sponsored network meta-analyses: an empirical survey,* February 2017-July 2017

RESEARCH GRANTS AND FELLOWSHIPS

January 2019 –
December 2022: **Assistance Publique – Hôpitaux de Paris (Clinical Research and Development Department)**
"Live cumulative network meta-analysis: Systemic pharmacological treatments for chronic plaque Psoriasis"
Principal Investigator: Dr. Emilie Sbidian
Participation as co-investigator
Total amount: €115,000

March 2019 –
February 2021: **Washington University Institute of Clinical and Translational Sciences (ICTS) KL2 Career Development Awards Program**
Principal Investigator: Dr. Sonal Patil
Participation as mentor and project consultant
Total amount: $150,000

October 2016 –
December 2019: **Université Sorbonne Paris Cité (USPC): Chaire d'Excellence Fellowship**
Principal Investigator: Dr. Anna Chaimani
Team METHODS, Center of Epidemiology and Statistics Sorbonne Paris Cité (CRESS-UMR1153)
Total amount: €330,000

April 2016 –
June 2016: **Swiss National Foundation: International Short Visits**
"Estimating the hierarchy of antidepressant drugs"

Principal investigators: Dr. Anna Chaimani & Prof. Georgia Salanti, Institute of Social and Preventive Medicine, University of Bern
Total amount: CHF 9,000

April 2015 – April 2016: **Catalyst Grant: Methods in Post Market Drug Safety and Effectiveness Program**
"Estimation of the level of inconsistency among sources of evidence that are commonly found in published networks of trials"
Principal Investigator: Dr. Andrea Tricco, St. Michael's Hospital, Toronto
Participation as external collaborator
Total amount: $100,000

MEMBERSHIP TO EDITORIAL BOARDS

- Guest Editor for the special issue of *Research Synthesis Methods* (https://onlinelibrary.wiley.com/journal/17592887) on *Data Visualization*

- Statistical editor for the *Cochrane Developmental, Psychological and Learning Problems Group* and publishing in the *Cochrane Library*

PRIZES & AWARDS

- **Distinction in the 4th Hellenic Forum of Public Health and Social Medicine**, November 2013 Athens, for the oral presentation *"Graphs for evaluating assumptions and presenting results in network meta-analysis"* and co-authors J.P.T. Higgins, D. Mavridis, P. Spyridonos, G. Salanti

SCIENTIFIC COMMITTEES

- Member of the Society for Research Synthesis Methodology (since 2019), http://www.srsm.org
- Co-convenor of the Cochrane Statistical Methods Group (since 2017), http://smg.cochrane.org
- Co-convenor of the Cochrane Comparing Multiple Interventions Methods Group (since 2016), http://cmimg.cochrane.org
- Member of the steering committee for extending the PRISMA statement in network meta-analysis (2012-2015)

- Invited session chair at 22nd Cochrane Colloquium (September 2014, Hyderabad, India) and 36th ISCB Annual Conference (August 2015, Utrecht, Netherlands)

OTHER SCIENTIFIC ACTIVITIES

- Application Peer Reviewer for the Medical Research Council (Research Grant proposals 2019)

- Statistical reviewer for the journals:
    - *Statistics in Medicine*
    - *Biometrics*
    - *Research Synthesis Methods*
    - *BMJ*
    - *JAMA Ophthalmology*
    - *Journal of Clinical Epidemiology*
    - *The Stata Journal*
    - *Epidemiology*
    - *Value in Health*
    - *Plos One*
    - *Systematic Reviews*

- Statistical reviewer for several Cochrane Groups publishing in the *Cochrane Library*

INVITED TALKS

- Invited talk at Biostatistics and Epidemiology Unit, Paris-Sud University, December 2019, Paris, France: *"A Markov Chain approach for ranking treatments in network meta-anlaysis"*
- Invited talk at Center for Clinical Trials and Evidence Synthesis, Bloomberg School of Public Health, Johns Hopkins University, August 2016, Baltimore, US: *"Best treatments – Rankings in network meta-analysis"*
- Invited seminar at Institut of Social and Preventive Medicine, University of Bern, May 2016, Bern, Switzerland: *"Graphs to enhance understanding and improve interpretability of the evidence from network meta-analysis"*
- Invited talk at Mapi BV, January 2016, Houten, Netherlands: *"Undertaking network meta-analyses in Cochrane reviews"*
- Invited talk at Mapi BV, February 2015, Houten, Netherlands: *"Presenting network meta-analyses and ranking interventions"*
- Invited speaker at the Methods Symposium of the 21st Cochrane Colloquium, September 2013, Quebec City, Canada: *"Network meta-epidemiology: assessing the various impacts on the relative treatment effects and ranking of competing treatments"*

- Invited speaker at the 5th Hellenic Forum of Public Health and Social Medicine, November 2013, Thessaloniki, Greece: *"Evaluating the quality of methodology in network meta-analysis: a case study on treatments for generalized anxiety disorders"*

PRESENTATIONS IN CONFERENCES

- Chaimani A, Mavridis D, Sbidian E, Porcher R , Ravaud P. Probability of selecting a treatment to recommend (POST-R): a new measure for ranking treatments in network meta-analysis (oral). *26th Cochrane Colloquium, October 2019, Santiago, Chile*
- Chaimani A, Porcher R, Sbidian E, Ravaud P. Extending treatment ranking in network meta-analysis to account for clinical experience on treatment performance and credibility of the evidence (oral). *39th ISCB Annual Conference, August 2018, Melbourne, Australia*
- Chaimani A, Porcher R, Sbidian E, Ravaud P. Extending treatment ranking in network meta-analysis to account for clinical experience on treatment performance and credibility of the evidence (poster). *25th Cochrane Colloquium, September 2018, Edinburgh, UK*
- Chaimani A, Papakonstantinou T, Nikolakopoulou A, Higgins J, Del Giovane C, Egger M, Salanti G. CINeMA: a web application to evaluate the Confidence In Network Meta-Analysis results (oral). *24th Cochrane Colloquium, September 2017, Cape Town, South Africa*
- Chaimani A, Porcher R, Ravaud P, Mavridis D. A novel method for modelling interactions between components of complex interventions in networks of randomised trials (oral). *24th Cochrane Colloquium, September 2017, Cape Town, South Africa*
- Chaimani A, Petropoulou M, Nikolakopoulou A, Salanti G. A methodological systematic review of 456 published network meta-analyses (poster). *24th Cochrane Colloquium, October 2016, Seoul, South Korea*
- Chaimani A, Salanti G. Exploring and accounting for the impact of interventions with scarce evidence in network meta-analysis (oral). *23rd Cochrane Colloquium, October 2015, Vienna, Austria*
- Gianatsi M, Petropoulou M, Nikolakopoulou A, Chaimani A, Salanti G. An empirical study investigating the extent of heterogeneity, inconsistency and potential limitations in networks of interventions published in 2013 (poster). *23rd Cochrane Colloquium, October 2015, Vienna, Austria*
- Chaimani A, Salanti G. Investigating the impact of interventions with scarce evidence in network meta-analysis (oral). *36th ISCB Annual Conference, August 2015, Utrecht, Netherlands*
- Higgins JPT, Del Giovane C, Chaimani A, Caldwell DM, Salanti G. Evaluating the quality of evidence from a network meta-analysis (oral). *ISPOR 17th Annual European Congress, November 2014, Amsterdam, Netherlands*

- Salanti G, Del Giovane C, Chaimani A, Caldwell DM, Higgins JPT. Evaluating the quality of evidence from a network meta-analysis (oral). *22nd Cochrane Colloquium, September 2014, Hyderabad, India*
- Chaimani A, Higgins JPT, Mavridis D, Spyridonos P, Salanti G. Graphs for evaluating assumptions and presenting results in network meta-analysis (oral). *4th Hellenic Forum of Public Health and Social Medicine, November 2013, Athens, Greece*
- Chaimani A, Vasiliadis HS, Schmid CH, Salanti G. The impact of control group risk in the relative effectiveness of interventions estimated in network meta-regression (poster). *34th ISCB Annual Conference, August 2013, Munich, Germany*
- Chaimani A, Vasiliadis HS, Schmid CH, Salanti G. The impact of control group risk in the relative effectiveness of interventions estimated in network meta-regression (oral). *3rd Hellenic Forum of Public Health and Social Medicine, December 2012, Athens, Greece*
- Del Giovane C, Chaimani A, Caldwell DM, Salanti G. Exploring the applicability and adaptation of the GRADE system to results from network meta-analysis: a pilot study (poster). *20th Cochrane Colloquium, September 2012, Auckland, New Zeland*
- Chaimani A, Schmid CH, Vasiliadis H, Salanti G. A meta-epidemiological approach for evaluating bias and small-study effects in networks of interventions (poster). *19th Cochrane Colloquium, October 2011, Madrid, Spain*
- Chaimani A, Dahabreh I, Linardou H, Cappuzzo F, Papadimitriou C, et al. Prognostic significance of EGFR gene copy number gain in NSCLC: a systematic review and meta-analysis (poster). *14th World Conference on Lung Cancer, July 2011, Amsterdam, Netherlands*

PUBLICATIONS

Google Scholar: https://scholar.google.gr/citations?user=6_tyhP8AAAAJ&hl=el

Impact of publications (excluding self-citations, Scopus 10/10/2019)	
Citations: 2981	h-index: 22

Doctoral Thesis:

Chaimani Anna. Investigating bias in network meta-analysis. *Department of Hygiene & Epidemiology, University of Ioannina School of Medicine, May 2014, Ioannina, Greece* (available from http://www.mtm.uoi.gr/images/Chaimani-PhD-uoi-2014_press.pdf).

Book chapters:

1. Chaimani A, Caldwell DM, Li T, Higgins J, Salanti G. Undertaking network meta-analyses (chapter 11). In: Cochrane Handbook for Systematic Reviews of Interventions. John Wiley & Sons, Ltd, 2019, p: 285-320

2. Salanti G, Caldwell DM, Chaimani A, Higgins JPT. Network meta-analysis: theory and applications. In: *Handbook of Health Services Research*. Springer US 2017: 1-38
3. Efthimiou O, Chaimani A, Mavridis D, Salanti G. Network meta-analysis. In: *Methods in Comparative Effectiveness Research*. Chapman & Hall/CRC Biostatistics Series 2016: 341
4. Cipriani A, Geddes J, Chaimani A, Leucht S, Salanti G. Chapter 15: State of the art reporting of network meta-analyses. In: *Network Meta-Analysis: Evidence Synthesis with Mixed Treatment Comparison*. Nova Science Publishers 2015; 245-262

Published papers:

1. Vo TT, Porcher R, Chaimani A, Vansteelandt S. A novel approach for identifying and addressing case-mix heterogeneity in individual participant data meta-analysis. *Research Synthesis Methods* 2019 [to appear]
2. Leucht S*, Chaimani A*, Mavridis D, Leucht C, Huhn M, Helfer B, Samara M, Cipriani A, Geddes JR, Davis JM. Where do drug-response and placebo-response disconnect in acute phase antipsychotic drug trials in schizophrenia? Meta-regression analysis. *Neuropsychopharmacology* 2019; 44(11):1955-1966
   *joint first authors
3. Chaimani A, Mavridis D, Higgins JPT, Salanti G, White I. Allowing for informative missingness in aggregate data meta-analysis with continuous or binary outcomes: extensions to metamiss. *The Stata Journal* 2018; 18(3): 716-740
4. Chaimani A, Ravaud P. Closing the gap between diagnostic test accuracy reviews and reporting guidelines: The PRISMA-Diagnostic Test Accuracy Statement. *Clinical Chemistry* 2018; 65:2
5. Schwingshackl L, Buyken A, Chaimani A. Network meta-analysis reaches nutrition research. *European Journal of Nutrition* 2018; 1-3
6. Mavridis D, Salanti G, Furukawa TA, Cipriani A, Chaimani A, White IR. Allowing for uncertainty due to missing and LOCF imputed outcomes in meta-analysis. *Statistics in Medicine* 2018 [to appear]
7. Cipriani A*, Furukawa TA*, Salanti G*, Chaimani A, Atkinson LZ, Ogawa Y, et al. Comparative efficacy and acceptability of 21 antidepressant drugs for the acute treatment of adults with major depressive disorder: a systematic review and network meta-analysis. *The Lancet* 2018; 391:1357-1366
   *joint first authors
8. Salanti G, Chaimani A, Furukawa TA, Higgins J, Ogawa Y, Cipriani A, Egger M. Impact of placebo arms on outcomes in antidepressant trials: systematic review and meta-regression analysis. *International Journal of Epidemiology* 2018 [Epub ahead of print]
9. Schwingshackl L, Chaimani A, Hoffman G, Schwedhelm C, Boeing H. A network meta-analysis on the comparative efficacy of different dietary approaches on glycaemic control in patients with type 2 diabetes mellitus. *European Journal of Epidemiology* 2018; 1:14

10. Leucht S, Chaimani A, Leucht C, Huhn M, Mavridis D, Helfer B, et al. 60 years of placebo-controlled antipsychotic drug trials in acute schizophrenia: Meta-regression of predictors of placebo response. *Schizophrenia Research* 2018 [Epub ahead of print]
11. Schwingshackl L, Chaimani A, Schwedhelm C, Toledo E, Punsch M, Hoffmann G, Boeing H. Comparative effects of dietary approaches on blood pressure in hypertensive and pre-hypertensive patients: a systematic review and network meta-analysis. *Critical Reviews in Food Science and Nutrition* 2018; 1-14
12. Furukawa T, Cipriani A, Leucht S, Atkinson LZ, Ogawa Y, Takeshima N, Hayasaka Y, Chaimani A, Salanti G. Is placebo response in antidepressant trials rising or not? A reanalysis of datasets to conclude this long-lasting controversy. *Evidence-Based Mental Health* 2018; 21(1):1-13
13. Krause M, Zhu Y, Huhn M, Schneider-Thoma J, Bighelli I, Chaimani A, Leucht S. Efficacy, acceptability, and tolerability of antipsychotics in children and adolescents with schizophrenia: a network meta-analysis. *European Neuropsychopharmacology* 2018; 28(6):659-674
14. Papakonstantinou T, Nikolakopoulou A, Rucker G, Chaimani A, Schwarzer G, Egger M, Salanti G. Estimating the contribution of studies in network meta-analysis: paths, flows and streams. *F1000Research* 2018; 7
15. Cipriani A, Salanti G, Furukawa TA, Egger M, Leucht S, et al. Antidepressants might work for people with major depression: where do we go from here? The *Lancet Psychiatry* 2018 [Epub ahead of print]
16. Chaimani A, Caldwell DM, Li T, Higgins JPT, Salanti G. Additional considerations are required when preparing a protocol for a systematic review with multiple interventions. *Journal of Clinical Epidemiology* 2017; 83:65-74
17. Chaimani A, Salanti G, Leucht S, Geddes JR, Cipriani A. Common pitfalls and mistakes in the set up, analysis and interpretation of results in network meta-analysis: what clinicians should look for in a published article. *Evidence-Based Mental Health* 2017; 20(3):88-94
18. Schwingshackl L, Boeing H, Stelmach-Mardas M, Gottschald M, Dietrich S, Hoffmann G, Chaimani A. Dietary supplements and risk of cause-specific death, cardiovascular disease, and cancer: a systematic review and meta-analysis of primary prevention trials. *Advances in Nutrition* 2017; 8(1):27-39
19. Créquit P, Chaimani A, Yavchitz A, Attiche N, Cadranel J, Trinquart L, Ravaud P. Comparative efficacy and safety of second-line treatments for advanced non-small cell lung cancer with wild-type or unknown status for epidermal growth factor receptor: a systematic review and network meta-analysis. *BMC Medicine* 2017; 15(1): 193
20. Brunoni AR, Chaimani A, Moffa AH, Gattaz WF, Daskalakis ZJ, Carvalho AF. Repetitive transcranial magnetic stimulation for the acute treatment of major depressive episodes: a network meta-analysis. *JAMA Psychiatry* 2017; 74(2):143-152

21. Sbidian E, Chaimani A, Garcia-Doval I, Do G, Hua C, et al. Systemic pharmacological treatments for chronic plaque psoriasis: a network meta-analysis. *Cochrane Database of Systematic Reviews* 2017; CD011535
22. Zarin W, Veroniki AA, Nincic V, Vafaei A, Reynen E, Motiwala SS, Antony J, Sullivan SM, Rios P, Daly C, Ewusie J, Petropoulou M, Nikolakopoulou A, Chaimani A, Salanti G, Straus SE, Tricco A. Characteristics and knowledge synthesis approach for 456 network meta-analyses: a scoping review. *BMC Medicine* 2017; 15(1):3
23. Leucht S, Leucht C, Huhn M, Chaimani A, Mavridis D, Helfer B, et al. Sixty years of placebo-controlled antipsychotic drug trials in acute schizophrenia: systematic review, Bayesian meta-analysis and meta-regression of efficacy predictors. *American Journal of Psychiatry* 2017; 174(10):927-942
24. Petropoulou M, Nikolakopoulou A, Veroniki AA, Rios P, Vafaei A, Zarin W, Giannatsi M, Sullivan S, Tricco AC, Chaimani A, Egger M, Salanti G. Bibiographic study showed improving statistical methodology of network meta-analyses published between 1999 and 2015. *Journal of Clinical Epidemiology* 2017; 82:28-28
25. Zhu YK, Krause M, Huhn M, Rothe P, Schneider-Thoma J, Chaimani A, Li C, Davis JM, Leucht S. Antipsychotic drugs for the acute treatment of patients with a first episode of schizophrenia: systematic review, pairwise and network meta-analysis. *Lancet Psychiatry* 2017; 4(9): 694-705
26. Desborough M, Hadjinicolaou AV, Chaimani A, Trivella M, Vyash P, et al. Alternative agents to prophylactic platelet transfusion for preventing bleeding in people with thrombocytopenia due to chronic bone marrow failure: a meta-analysis and systematic review. *Cochrane Database of Systematic Reviews* 2017; 12(1): 103-111
27. Cipriani A, Williams T, Nikolakopoulou A, Salanti G, Chaimani A, Ipser J, Cowen PJ, Geddes JR, Stein DJ. Comparative efficacy and acceptability of pharmacological treatments for post-traumatic stress disorder in adults: a network meta-analysis. *Psychological Medicine* 2017; 1-10
28. Tsiami A, Chaimani A, Mavridis D, Siskou M, Assimakopoulos E, Sotiriadis A. Surgical treatment for hydrosalpinx prior to IVF-ET: a network meta-analysis. *Ultrasound in Obstetrics & Gynecology* 2016; 48(4): 434-445
29. Leucht S, Chaimani A, Cipriani A, Davis J, Furukawa T, Salanti G. Network meta-analyses should be the highest level of evidence in treatment guidelines. *European Archives of Psychiatry and Clinical Neuroscience* 2016, 266: 477-480
30. Rouse B, Chaimani A, Li T. Network meta-analysis: An introduction for clinicians. *Internal and Emergence Medicine* 2016; 12(1):103-111
31. Furukawa T, Cipriani A, Atkinson LZ, Leucht S, Ogawa Y, Takeshima N, Hayasaka Y, Chaimani A, Salanti G. Placebo response rates in antidepressant trials: a systematic review of published and unpublished double-blind randomised controlled studies. *Lancet Psychiatry* 2016; 3(11):1059-1066

32. Koletsi D, Valla K, Fleming PS, Chaimani A, Pandis N. Assessment of publication bias required improvement in oral health systematic reviews. *Journal of Clinical Epidemiology* 2016; 76: 118-124
33. Furukawa TA, Miura T, Chaimani A, Leucht S, Cipriani A, Noma H, Mitsuyasu H, Kanba S, Salanti G. Using the contribution matrix to evaluate complex study limitations in a network meta-analysis: a case study of bipolar maintenance pharmacotherapy review. *BMC Research Notes* 2016, 9: 218
34. Chaimani A, Salanti G. Visualizing assumptions and results in network meta-analysis. *The Stata Journal* 2015, 15(4): 905-950
35. Chaimani A. Accounting for baseline differences in meta-analysis. *Evidence-Based Mental Health* 2015, 18(1): 23-6
36. Hutton B, Salanti G, Caldwell DM, Chaimani A, Schmid CH, et al. The PRISMA extension statement for reporting of systematic reviews incorporating network meta-analyses of healthcare interventions: checklist and explanations. *Annals of Internal Medicine* 2015, 162(11): 777-784
37. Chaimani A, Mavridis D, Salanti G. A hands-on practical tutorial on performing meta-analysis with Stata. *Evidence-Based Mental Health* 2014, 17(4): 111-116
38. Miladinovic B, Chaimani A, Hozo I, Djulbegovic B. Indirect treatment comparison. *The Stata Journal* 2014, 14(1): 76-86
39. Nikolakopoulou A, Chaimani A, Veroniki AA, Vasiliadis HS, Schmid CH, Salanti G. Characteristics of networks of interventions: A description of a database of 186 published networks. *Plos One* 2014, 9(1):e86754
40. Mavridis D, Chaimani A, Efthimiou O, Leucht S, Salanti G. Addressing missing outcome data in meta-analysis. *Evidence-Based Mental Health* 2014, 17(3): 85-89
41. Salanti G, Del Giovane C, Chaimani A, Caldwell DM, Higgins JPT. Evaluating the quality of evidence from a network meta-analysis. *Plos One* 2014, 9(7): e99682
42. Hutton B, Salanti G, Chaimani A, Caldwell DM, Schmid CH, et al. The quality of reporting methods and results in network meta-analyses: an overview of reviews and suggestions for improvement. *Plos One* 2014, 9(3): e92508
43. Chaimani A, Vasiliadis HS, Pandis N, Schmid CH, Welton NJ, Salanti G. Effects of study precision and risk of bias in networks of interventions: a network meta-epidemiological study. *International Journal of Epidemiology* 2013, 42(4):1120-1131
44. Chaimani A, Higgins JPT, Mavridis D, Spyridonos P, Salanti G. Graphical tools for network meta-analysis in STATA. *Plos One* 2013, 8(10):e76654
45. Mills EJ, Kanters S, Thorlund K, Chaimani A, Veroniki AA, Ioannidis JPA. The effects of excluding treatments from network meta-analyses. *British Medical Journal* 2013, 347:f5195
46. Chaimani A, Salanti G. Using network meta-analysis to evaluate the existence of small-study effects in a network of interventions. *Research Synthesis Methods* 2012, 3(2):161-17