

Janet Sultana | Curriculum vitae 2019

Date of birth: 20th May 1988

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WORK EXPERIENCE AND INTERNSHIPS

Research positions

Period	Position and research institute
September 2018 - present	Senior pharmacoepidemiologist and post-doctoral researcher at the Department of Biomedical and Dental Sciences and Morpho-functional Imaging, University of Messina
December 2018-present	Co-investigator of European Medicines Agency-funded study on retinoid use in women (EMA/2017/09/PE)
November 2017-August 2018	Visiting research fellow at the Department of Pharmacoeconomics and Pharmacoepidemiology, Harvard Medical School
August 2017-August 2018	Post-doctoral researcher at the Department of Biomedical and Dental Sciences and Morpho-functional Imaging, University of Messina
July 2015-July 2016; August 2017-August 2018	Visiting researcher at the Department of Medical Informatics, Erasmus Medical Centre
March 2017-July 2017	Post-doctoral researcher at the Department of Medical Informatics, Erasmus Medical Centre
February 2014-December 2016	Doctoral researcher at the Department of Clinical and Experimental Medicine, University of Messina, Italy
November 2014-present	Project manager and lead pharmacoepidemiologist on Eli Lilly-funded post-authorisation safety study "Dulaglutide Modified-Prescription-Event Monitoring Study and network database study: a multi- database collaborative research program of observational studies to monitor the utilisation and safety of dulaglutide in the EU"
January 2014-September 2017	Lead pharmacoepidemiologist on Italian Health Ministry-funded project "Assessment of the safety of antipsychotic drugs in elderly with dementia: an International, population-based study using healthcare databases"
May 2014-May 2017	Lead pharmacoepidemiologist on MPI_AGE EU-funded project, Work Package 5 (Using MPI to improve cost-effectiveness of drug treatment in the elderly with multimorbidity and polypharmacy)
October 2015-present	Local project coordinator and pharmacoepidemiologist on AIFA-funded project "FARM9LBBBL –Trattamento Farmacologico nell'anziano con patologia cardiovascolare associate a malattie croniche: inappropriata prescrizione e valutazione di esito nella popolazione istituzionalizzata e residente in comunita"
June 2015 - present	Local project coordinator and pharmacoepidemiologist on project "Assessment of Adherence to Treatment With Antipsychotic Drugs and Related Clinical Outcomes in Schizophrenic Patients: A Cross-National, Population-Based Study"
May 2014-April 2015; November-December	Pharmacoepidemiologist for "A Systematic Programme to Develop and Evaluate the Best Candidate Treatments for Repositioning as Therapies for Alzheimer's Disease"

2015; March 2016 –April 2016	(SMART-AD) Wellcome Trust-funded project, King's College London/Alzheimer's Society UK
February 2013- January 2014	Pharmacoepidemiology research intern at the Department of Clinical and Experimental Medicine, University of Messina, Italy
December 2012-February 2013	Junior research assistant, Department of Old Age Psychiatry, King's College London, UK

Drug regulatory affairs, real-world data and rare disease interest group membership

Period	Specialist group member
2018 - present	Member of International Society of Pharmacoepidemiology (ISPE) Special Interest Group on Rare diseases
2018 - present	Member of European Network of Centres for Pharmacoepidemiology and Pharmacovigilance (ENCePP) Special Interest Group on Role of multiple database studies in supporting drug agencies, European Medicines Agency
2017 - present	Member of European Network of Centres for Pharmacoepidemiology and Pharmacovigilance (ENCePP) Special Interest Group on Impact of Risk Minimisation measures, European Medicines Agency

Academic positions

Period	Position and research institute
November 2019-present	Lecturer for the Master's degree "Farmacoepidemiologia, farmacovigilanza e farmacoconomia" and assistant to course coordinator
November 2019	Visiting lecturer for the Master's degree "Master per Farmacisti ospedalieri Manager di Dipartimenti Farmaceutici"
July 2019	External examiner for the Master's degree of EU2P
May-September 2019	Thesis supervisor for the Master's degree in "Farmacoepidemiologia e valutazione delle cure integrate", University of Padova
April 2019	Visiting lecturer at the "Master's degree in Farmacoepidemiologia e valutazione delle cure integrate", University of Padova
October 2018, December 2019	Visiting lecturer at the "Master's degree in Pharmacoepidemiology, pharmacovigilance and pharmacoconomics", University of Messina
May-July 2018	Thesis supervisor for Master's degree in "Pharmacoepidemiology, pharmacovigilance and pharmacoconomics", University of Messina

Community pharmacy

Community managing pharmacist (full-time), Malta: October-November 2012

EDUCATION AND TRAINING

Research training

Pharmacoepidemiology 4 (pharmacoeconomics) (McGill Summer School), McGill University, Montreal (Canada): 30th May to 2nd June 2016.

Epidemiologic Analysis using SAS (Columbia University, Epidemiology and Population Health Summer Institute). Online course June 1st-June 30th 2015.

Pharmacoepidemiology and drug safety course (NIHES Winter School), Erasmus Medical Centre, Rotterdam (Netherlands): 23rd-28th February 2015

Introductory course on the use of healthcare data sources for pharmacoepidemiology, Italian Public Health Institute (*Istituto Superiore della Sanita'*), Rome (Italy): 20th-23rd October 2014

Instruments and methods used in the analysis of pharmaceutical prescriptions training course, Italian Public Health Institute (*Istituto Superiore della Sanita'*), Rome (Italy): 30th June-2nd July 2014

Higher education

Ph.D in Biomedical, Clinical and Experimental Research, University of Messina, Messina: February 2014-December 2016

Master of Science in Neuroscience, Institute of Psychiatry, King's College London: 2011-2012

Bachelor of Pharmacy, University of Malta, Malta: 2006-2011

GRANTS, SYMPOSIA PROCEEDINGS, PUBLICATIONS AND SOCIETY MEMBERSHIPS

Grants/scholarships awarded

- *Borsa SIF per brevi periodi all'estero / SIF Grant for short stays abroad (2018) – partially funded visiting researcher position at Harvard Medical School*
- *University of Messina PhD scholarship (2014-2016) – fully funded PhD at University of Messina*
- *Strategic Educational Pathways Scholarship/European Social Fund (2011-2012) – partially funded M.Sc. in Neuroscience at King's College London*
- *Erasmus Mobility Grant (2009) – partially funded research assistant position at King's College Hospital*

Publications - Articles

H-index calculated (Scopus): 13

1. **Sultana J.** Management of behavioural and psychological symptoms in dementia: NICE guidelines and evidence-based decision-making. *Journal of the Malta College of Pharmacy Practice* Issue 18 Summer 2012.
2. **Sultana J**, Cutroneo P, Trifiro G. Clinical and economic burden of adverse drug reactions. *J Pharmacol Pharmacother.* 2013 Dec;4(Suppl1):S73-S77.
3. **Sultana J**, Italiano D, Gambassi G, Spina E, Cricelli C, Lapi F, Pecchioli S, Trifirò G. Antidepressant use in Italian elderly patients: a nationwide population based-study. *Eur J Clin Pharmacol.* 2014 Apr;70(4):469-78.
4. **Sultana J**, Chang CK, Hayes RD, Broadbent M, Stewart R, Corbett A, Ballard C. Associations between risk of mortality and atypical antipsychotic use in vascular dementia: a clinical cohort study. *Int J Geriatr Psychiatry.* 2014 Dec;29(12):1249-54.
5. Ingrasciotta Y, **Sultana J**, Giorgianni F, Caputi AP, Arcoraci V, Tari DU, Linguiti C, Perrotta M, Nucita A, Pellegrini F, Fontana A, Cavagna L, Santoro D, Trifirò G. The Burden of Nephrotoxic Drug Prescriptions in Patients with Chronic Kidney Disease: A Retrospective Population-Based Study in Southern Italy. *PLoS One.* 2014 Feb 18;9(2):e89072.
6. Trifirò G, **Sultana J**, Spina E. Are the Safety Profiles of Antipsychotic Drugs Used in Dementia the Same? An Updated Review of Observational Studies. *Drug Saf.* 2014 Jul;37(7):501-20.
7. Arcoraci V, Santoni L, Ferrara R, Furneri G, Cannata A, **Sultana J**, Moretti S, Di Luccio A, Tari DU, Pagliaro C, Corrao S, Tari M. Effect of an educational program in primary care: the case of lipid control in cardio-cerebrovascular prevention. *Int J Immunopathol Pharmacol.* 2014 Jul-Sep;27(3):351-363.
8. Gambassi G, **Sultana J**, Trifirò G. Antipsychotic use in elderly patients and the risk of pneumonia. *Expert Opin Drug Saf.* 2015 Jan;14(1):1-6.
9. Italiano D, Capuano A, Alibrandi A, Ferrara R, Cannata A, Trifirò G, **Sultana J**, Ferrajolo C, Tari M, Tari DU, Perrotta M, Pagliaro C, Rafaniello C, Spina E, Arcoraci V. Indications of newer and older antiepileptic drug use: findings from a southern Italian general practice setting from 2005—2011. *Br J Clin Pharmacol.* 2015 Jun;79(6):1010-9.
10. Trifirò G, **Sultana J**, Giorgianni F, Ingrasciotta Y, Buemi M, Muscianisi M, Tari DU, Perrotta M, Canale V, Arcoraci V, Santoro D. Chronic kidney disease requiring healthcare services: a new approach to evaluate epidemiology of renal disease. *Biomed Res Int.* 2014;2014:268362.
11. **Sultana J**, Parrino F, Trifirò G. Prescribing Generic or Branded Antidepressants: What to Choose? *Annals of Depression and Anxiety.* 01/2014; 1(6).
12. **Sultana J**, Trifirò G. Drug Safety Warnings: A Message in a Bottle. *Journal of Drug Design and Research.* 01/2014; 1(1).
13. Trifirò G, Parrino F, **Sultana J**, Giorgianni F, Ferrajolo C, Bianchini E, Medea G, Benvenga S, Cricelli I, Cricelli C, Lapi F. Drug Interactions with Levothyroxine Therapy in Patients with Hypothyroidism: Observational Study in General Practice. *Clin Drug Investig.* 2015 Mar;35(3):187-95.
14. **Sultana J**, Spina E, Trifirò G. Antidepressant use in the elderly: the role of pharmacodynamics and pharmacokinetics in drug safety. *Expert Opin Drug Metab Toxicol.* 2015 Jun;11(6):883-92.
15. Ingrasciotta Y, **Sultana J**, Giorgianni F, Fontana A, Santangelo A, Tari DU, Santoro D, Arcoraci V, Perrotta M, Ibanez L, Trifirò G. Association of individual non-steroidal anti-inflammatory drugs and chronic kidney disease: a population-based case control study. *PLoS One.* 2015 Apr 16;10(4):e0122899.
16. **Sultana J**, Musazzi UM, Ingrasciotta Y, Giorgianni F, Ientile V, Fontana A, Minghetti P, Perrotta N, Santoro D, Savica V, Trifirò G. Medication is an additional source of phosphate intake in chronic kidney disease patients. *Nutr Metab Cardiovasc Dis.* 2015 Oct;25(10):959-67.
17. Trifirò G, Parrino F, Pizzimenti V, Giorgianni F, **Sultana J**, Muscianisi M, Troncone C, Tari DU, Arcoraci V, Santoro D, Russo G, Lacava V, Caputi AP. The Management of Diabetes Mellitus in Patients with Chronic Kidney Disease: A Population-Based Study in Southern Italy. *Clin Drug Investig.* 2016 Mar;36(3):203-12.
18. **Sultana J**, Leal I, de Ridder M, Sturkenboom M, Trifiro' G. Antipsychotic use in dementia patients in a general practice setting: a Dutch population-based study. *Epidemiol Psychiatr Sci.* 2016 Aug;25(4):403-6.
19. **Sultana J**, Basile G, Trifiro' G. Measuring frailty in population-based healthcare databases: Multi-dimensional prognostic indices for the improvement of geriatric care. *Geriatric Care* 2(1).

20. Trifirò G, **Sultana J**, Parrino F, Tari DU, Fontana A, Giorgianni F, Ferrajolo C, Troncone C, Ientile V, Caputi AP. The Impact of Antidepressant Treatment Adherence on the Use of Diagnostic Radiology and Laboratory Tests in Patients with Depressive/ Anxiety Disorders: A Population-Based Study. *Int J Community Fam Med* 2015, 1: 101.
21. **Sultana J**, Fontana A, Giorgianni F, Pasqua A, Cricelli C, Spina E, Gambassi G, Ivanovic J, Ferrajolo C, Molokhia M, Ballard C, Sharp S, Sturkenboom M, Trifirò G. The Effect of Safety Warnings on Antipsychotic Drug Prescribing in Elderly Persons with Dementia in the United Kingdom and Italy: A Population-Based Study. *CNS Drugs*. 2016 Nov;30(11):1097-1109.
22. Trifirò G, de Ridder M, **Sultana J**, Oteri A, Rijnbeek P, Pecchioli S, Mazzaglia G, Bezemer I, Garbe E, Schink T, Poluzzi E, Frøslev T, Molokhia M, Diemberger I, Sturkenboom MCJM. Association of azithromycin and ventricular arrhythmia: a European multi-database, population-based study. *CMAJ*. 2017 Apr 18;189(15):E560-E568.
23. Caraci F, **Sultana J**, Drago F, Spina E. Clinically relevant drug interactions with anti-Alzheimer's drugs. *CNS Neurol Disord Drug Targets*. 2017;16(4):501-513.
24. Oteri G, Trifirò G, Peditto M, Lo Presti L, Marciànò I, Giorgianni F, **Sultana J**, Marciànò A. Treatment of Medication-Related Osteonecrosis of the Jaw and its Impact on a Patient's Quality of Life: A Single-Center, 10-Year Experience from Southern Italy. *Drug Saf*. 2018 Jan;41(1):111-123.
25. Trifirò G, **Sultana J**, Bate A. From Big Data to Smart Data for Pharmacovigilance: The Role of Healthcare Databases and Other Emerging Sources. *Drug Saf*. 2018 Feb;41(2):143-149.
26. **Sultana J**, Calabrò M, Garcia-Serna R, Ferrajolo C, Crisafulli C, Mestres J, Trifirò' G. Biological substantiation of antipsychotic-associated pneumonia: Systematic literature review and computational analyses. *PLoS One*. 2017 Oct 27;12(10):e0187034.
27. **Sultana J**, Fontana A, Giorgianni F, Basile G, Patorno E, Pilotto A, Molokhia M, Stewart R, Sturkenboom M, Trifirò G. Can information on functional and cognitive status improve short-term mortality risk prediction among community-dwelling older people? A cohort study using a UK primary care database. *Clin Epidemiol*. 2017 Dec 19;10:31-39.
28. Biffi A, Scotti L, Rea F, Lucenteforte E, Chinellato A, Vetrano DL, Vitale C, Agabiti N, **Sultana J**, Roberto G, Mugelli A, Corrao G; Italian Group for Appropriate Drug prescription in the Elderly (I-GrADE). Adherence to Antidepressants and Mortality in Elderly Patients with Cardiovascular Disease. *Clin Drug Investig*. 2018 Mar 27.
29. Formica D, **Sultana J (joint first author)**, Cutroneo PM, Lucchesi S, Angelica R, Crisafulli S, Ingrasciotta Y, Salvo F, Spina E, Trifirò G. The economic burden of preventable adverse drug reactions: a systematic review of observational studies. *Expert Opin Drug Saf*. 2018 Jul;17(7):681-695.
30. Trifirò G, Gini R, Barone-Adesi F, Beghi E, Cantarutti A, Capuano A, Carnovale C, Clavenna A, Dellagiovanna M, Ferrajolo C, Franchi M, Ingrasciotta Y, Kirchmayer U, Lapi F, Leone R, Leoni O, Lucenteforte E, Moretti U, Mugelli A, Naldi L, Poluzzi E, Rafaniello C, Rea F, **Sultana J**, Tettamanti M, Traversa G, Vannacci A, Mantovani L, Corrao G. The Role of European Healthcare Databases for Post-Marketing Drug Effectiveness, Safety and Value Evaluation: Where Does Italy Stand? *Drug Saf*. 2018 Sep 29.
31. Rea F, Calusi G, Franchi M, Vetrano DL, Roberto G, Bonassi S, Kirchmayer U, Chinellato A, Bettiol A, **Sultana J**, Mugelli A, Corrao G; I-GrADE Investigators. Adherence of Elderly Patients with Cardiovascular Disease to Statins and the Risk of Exacerbation of Chronic Obstructive Pulmonary Disease: Evidence from an Italian Real-World Investigation. *Drugs Aging*. 2018 Oct 2
32. **Sultana J**, Moretti U, Addis A, Caduff P, Capuano A, Kant A, Laporte JR, Lindquist M, Raine J, Sartori D, Trifirò G, Tuccori M, Venegoni M, van Puijenbroek E, Leone R. Workshop on the Italian Pharmacovigilance System in the International Context: Critical Issues and Perspectives. *Drug Saf*. 2019 May;42(5):683-687.
33. **Sultana J**, Giorgianni F, Rea F, Lucenteforte E, Lombardi N, Mugelli A, Vannacci A, Liperoti R, Kirchmayer U, Vitale C, Chinellato A, Roberto G, Corrao G, Trifirò G. All-cause mortality and antipsychotic use among elderly persons with high baseline cardiovascular and cerebrovascular risk: a multi-center retrospective cohort study in Italy. *Expert Opin Drug Metab Toxicol*. 2019 Feb;15(2):179-188.
34. **Sultana J**, Leal I, de Wilde M, de Ridder M, van der Lei J, Sturkenboom M, Trifirò' G. Identifying Data Elements to Measure Frailty in a Dutch Nationwide Electronic Medical Record Database for Use in Postmarketing Safety Evaluation: An Exploratory Study. *Drug Saf*. 2019 Jan 8.
35. Ferrajolo C, **Sultana J**, Ientile V, Scavone C, Scondotto G, Tari M, Trifirò G, Rossi F, Capuano A. Gender Differences in Outpatient Pediatric Drug Utilization: A Cohort Study From Southern Italy. *Front Pharmacol*. 2019 Feb 5;10:11.

36. **Sultana J**, Hurtado I, Bejarano-Quisoboni D, Giorgianni F, Huybrechts KF, Lu Z, Patorno E, Sanf elix-Gimeno G, Tari DU, Trifir  G. Antipsychotic utilization patterns among patients with schizophrenic disorder: a cross-national analysis in four countries. *Eur J Clin Pharmacol*. 2019 Mar 1.
37. Kirchmayer U, Sorge C, **Sultana J**, Lapi F, Onder G, Agabiti N, Cascini S, Roberto G, Corrao G, Vitale C, Lucenteforte E, Mugelli A, Davoli M. Bisphosphonates and cardiovascular risk in elderly patients with previous cardiovascular disease: a population-based nested case-control study in Italy. *Ther Adv Drug Saf*. 2019 Apr 5;10:2042098619838138.
38. Crisafulli S, **Sultana J**, Ingrassiotta Y, Addis A, Cananzi P, Cavagna L, Conter V, D'Angelo G, Ferrajolo C, Mantovani L, Pastorello M, Scondotto S, Trifir  G. Role of healthcare databases and registries for surveillance of orphan drugs in the real-world setting: the Italian case study. *Expert Opin Drug Saf*. 2019 Jun;18(6):497-509.
39. **Sultana J**, Zaccaria C, de Lisa R, Rossi F, Capuano A, Ferrajolo C. Good Pharmacovigilance Practice in Paediatrics: An Overview of the Updated European Medicines Agency Guidelines. *Paediatr Drugs*. 2019 Aug 5.
40. Ingrassiotta Y, **Sultana J**, Kirchmayer U, Trifir  G. Challenges in Post-marketing Studies of Biological Drugs in the Era of Biosimilars: A Report of the International Society for Pharmacoepidemiology 2019 Mid-Year Meeting in Rome, Italy. *BioDrugs*. 2019 Aug;33(4):345-352.
41. Ingrassiotta Y, **Sultana J**, Giorgianni F, Menditto E, Scuteri A, Tari M, Tari DU, Basile G, Trifiro' G. Analgesic drug use in elderly persons: A population-based study in Southern Italy. *PLoS One*. 2019 Sep 19;14(9):e0222836.
42. **Sultana J**, Fontana A, Giorgianni F, Tillati S, Cricelli C, Pasqua , Patorno E, Ballard C, Sturkenboom M, Trifir  G. Measuring the Effectiveness of Safety Warnings on the Risk of Stroke in Older Antipsychotic Users: A Nationwide Cohort Study in Two Large Electronic Medical Records Databases in the United Kingdom and Italy. *Drug Saf*. 2019 Sep 25. doi: 10.1007/s40264-019-00860-z. [Epub ahead of print]
43. **Sultana J**, Trotta F, Addis A, Brown JS, Gil M, Menniti-Ippolito F, Milozzi F, Suissa S, Trifir  G. Healthcare Database Networks for Drug Regulatory Policies: International Workshop on the Canadian, US and Spanish Experience and Future Steps for Italy. *Drug Saf*. 2019 Oct 22. doi: 10.1007/s40264-019-00871-w. [Epub ahead of print]
44. Scondotto G, **Sultana J**, Ientile V, Ingrassiotta Y, Fontana A, Copetti M, Mirabelli E, Trombetta CJ, Rapisarda C, Reibaldi M, Avitabile T, Longo A, Toro PI, Vadal  M, Cillino S, Virgili G, Gini R, Leoni O, Pollina Addario SW, Cananzi P, La Cavera C, Puzo MR, De Sarro G, De Francesco A, Trifir  G. How Have Intravitreal Anti-VEGF and Dexamethasone Implant Been Used in Italy? A Multiregional, Population-Based Study in the Years 2010-2016. *Biomed Res Int*. 2020 Jan 11;2020:7582763.
45. Gini R, Sturkenboom MCJ, **Sultana J**, Cave A, Landi A, Pacurariu A, Roberto G, Schink T, Candore G, Slattery J, Trifir  G; Working Group 3 of ENCePP (Inventory of EU data sources and methodological approaches for multisource studies). Different Strategies to Execute Multi-Database Studies for Medicines Surveillance in Real-World Setting: A Reflection on the European Model. *Clin Pharmacol Ther*. 2020 Apr 3. Epub ahead of print.
46. Crisafulli S, **Sultana J**, Fontana A, Salvo F, Messina S, Trifir  G. Global epidemiology of Duchenne muscular dystrophy: an updated systematic review and meta-analysis. *Orphanet J Rare Dis*. 2020 Jun 5;15(1):141.
47. **Sultana J**, Trifir  G. The potential role of big data in the detection of adverse drug reactions. *Expert Rev Clin Pharmacol*. 2020 Mar;13(3):201-204.
48. Cruz-Jentoft AJ, Daragjati J, Fratiglioni L, Maggi S, Mangoni AA, Mattace-Raso F, Paccalin M, Polidori MC, Topinkova E, Ferrucci L, Pilotto A; MPI_AGE Investigators. Using the Multidimensional Prognostic Index (MPI) to improve cost-effectiveness of interventions in multimorbid frail older persons: results and final recommendations from the MPI_AGE European Project. *Aging Clin Exp Res*. 2020 May;32(5):861-868.
49. **Sultana J**, Giorgianni F, Scondotto G, Ientile V, Cananzi P, Leoni O, Addario SWP, De Sarro G, De Francesco A, Puzo MR, Renoux C, Trifir  G. Association Between Intravitreal Aflibercept and Serious Non-ocular Haemorrhage Compared with Intravitreal Ranibizumab: A Multicentre Observational Cohort Study. *Drug Saf*. 2020 Jun 16. Epub ahead of print.
50. Jeon HL, Byun SJ, Pratt NL, **Sultana J**, Park SJ, Shin JY. Cardiovascular risk in patients receiving ranibizumab for exudative age-related macular degeneration: a nationwide self-controlled case-series study. *Br J Ophthalmol*. 2020 Jun 10;bjophthalmol-2020-316373. Epub ahead of print.
51. **Sultana J**, Scondotto G, Cutroneo PM, Morgante F, Trifir  G. Intravitreal Anti-VEGF Drugs and Signals of Dementia and Parkinson-Like Events: Analysis of the VigiBase Database of Spontaneous Reports. *Front Pharmacol*. 2020 Mar 12;11:315.

Editorial Board membership

Period	Position, Journal
2020 – present	Editorial board member, Journal of Pharmacy Technology
2019 – present	Review editor, Journal Frontiers in Pharmacology - Section Pharmaceutical Medicine and Outcomes Research
2019 – present	Associate editor, Expert Review of Clinical Pharmacology
2018 – present	Academic editor, BioMed Research International: Pharmacology

Journal reviewer

Reviewer for

- *British Medical Journal*
- *Pharmacoepidemiology and Drug Safety*
- *Drugs and Aging*
- *European Geriatric Medicine*
- *Alzheimer's & Dementia: The Journal of the Alzheimer's Association*
- *Drug Safety*
- *European Journal of Clinical Pharmacology*

Summary of verified reviewer activity available from: <https://publons.com/researcher/1210387/janet-sultana/metrics/>

Publications - Books

Contribution to chapter: Banche dati di medicina generale ed esperienze loco-regionali su raccolta e analisi dati di Real World. Trifirò G, **Sultana J**, Ientile V, Tari M. In: "Real World Evidence e farmaci: Razionale, criticità e applicazioni nel contesto italiano" (Ed. Gianluca Trifirò). SEEd Medical Publishers. ISBN: 978-88-97419-86-0

Contribution to chapter: Limiti dei trials clinici randomizzati e ruolo della Real World Evidence nella fase post-marketing dei farmaci. Cutroneo PM, **Sultana J**. In: "Real World Evidence e farmaci: Razionale, criticità e applicazioni nel contesto italiano" (Ed. Gianluca Trifirò). SEEd Medical Publishers. ISBN: 978-88-97419-86-0

Contribution to chapter: Real World Evidence nella popolazione pediatrica. Ferrajolo C, **Sultana J**. In: "Real World Evidence e farmaci: Razionale, criticità e applicazioni nel contesto italiano" (Ed. Gianluca Trifirò). SEEd Medical Publishers. ISBN: 978-88-97419-86-0

Contribution to chapter: Electronic Health Record Databases. Horton DB, Bhullar H, Carty L, Cunningham F, Ogdie-Beatty A, **Sultana J**, Trifirò G. In: *Pharmacoepidemiology*, 6th edition. Brian L. Strom, Stephen E. Kimmel, Sean Hennessy (Eds.), Wiley 2019.

Contribution to chapter: The role of databases in pharmacovigilance of psychotropic drugs. Trifiro' G, **Sultana J**. In: *Pharmacovigilance in Psychiatry*, Edoardo Spina and Gianluca Trifiro' (Eds.), Springer 2015.

Conference presentations - 2019

J Sultana, Francesco Giorgianni, GScondotto, V Ientile, P Cananzi, O Leoni, SW Pollina Addario, G De Sarro, A. De Francesco, MP Puzo, C. Renoux, G Trifirò. Intravitreal anti-vascular endothelial growth factor drugs and risk of serious non-ocular haemorrhage. (Oral Presentation) International Conference of Pharmacoepidemiology, Philadelphia, 2019.

Conference presentations - 2017

J Sultana, A Fontana, F Giorgianni, M Sturkenboom, G Trifiro'. What is the effect of risk minimization measures on the risk of antipsychotic-associated stroke in elderly persons? (Poster presentation) Congresso Nazionale della Societa' Italiana di Farmacologia, Rimini, 2017.

J Sultana, M Calabro', R Garcia-Serna, C Ferrajolo, C Crisafulli, J Mestres, G Trifirò'. In search of biological substantiation through literature review and in silico analyses: the case of antipsychotic-associated pneumonia (Poster presentation). Congresso Nazionale della Societa' Italiana di Farmacologia, Rimini, 2017.

Conference presentations - 2016

J Sultana, F Giorgianni, I Leal, M Sturkenboom and G Trifiro. Antipsychotic use in dementia: a comparison between three European countries (Poster presentation). International Society for Pharmacoepidemiology, Dublin.

J Sultana, A Fontana, F Giorgianni, G Basile, E Patorno, A Pilotto, M Sturkenboom, G Trifiro'. Indicatori di *status* funzionale o cognitivo e predittività della mortalità nell'anziano: dati dalla banca dati di medicina generale THIN. (Poster presentation). XXV Seminario FEP 2016

J Sultana, A Fontana, F Giorgianni, G Basile, E Patorno, A Pilotto, M Sturkenboom, G Trifiro'. La VMD in medicina generale: utilità e limiti. (Oral presentation) 2016 SIGG conference.

J Sultana, F Giorgianni, S Tillati, M Sturkenboom and G Trifiro. Accounting for exposure to antipsychotic safety warning alters the risk of stroke in a population of elderly antipsychotic users: a nested case-control study in The Health Improvement Network. (Oral presentation) Convegno monotematico SIF "Il ruolo della Farmacologia Clinica in Italia: prospettive future nell'ambito del SSN", Napoli, 2016.

Conference presentations - 2015

J Sultana, A Fontana, F Giorgianni, A Pilotto, M Sturkenboom, G Trifiro'. Multidimensional indicators for mortality prediction in community dwelling older people in a UK nationwide healthcare database: data from the EU funded MPI_AGE Project (Poster presentation). International Society for Pharmacoepidemiology, Boston.

J Sultana, A Fontana, F Giorgianni, A Pilotto, M Sturkenboom and G Trifiro'. MPI_AGE: Multidimensional indicators for geriatric mortality prediction in two nationwide healthcare databases (Oral presentation). European Geriatric Medicine Conference, Oslo.

J Sultana, G Trifirò, F Parrino, V Pizzimenti, F Giorgianni, M Muscianisi, C Troncone, D Ugo Tari, V Arcoraci, D Santoro, G Russo, V Lacava, AP Caputi. The management of type II diabetes in patients with chronic kidney disease: a population-based study in Southern Italy (Oral presentations) Societa' di Farmacologia, Naples.

Conference presentations - 2014

J Sultana, A Fontana, F Giorganni, A Pasqua, C Cricelli, V Ientile, F Pellegrini, G Trifirò. The impact of safety warnings on antipsychotic prescribing in elderly dementia patients in UK and Italy. Oral presentation at the 2014 Italian Society of Pharmacology (Young Researchers) conference, Naples (Italy).

J Sultana, A Fontana, F Giorganni, A Pasqua, C Cricelli, V Ientile, F Pellegrini, G Trifirò. The impact of safety warnings on antipsychotic prescribing in elderly dementia patients in UK and Italy. Poster presentation at the 2014 National Health Institute conference, Rome (Italy).

J Sultana, A Fontana, F Giorganni, A Pasqua, C Cricelli, V Ientile, F Pellegrini, G Trifirò. The impact of safety warnings on antipsychotic prescribing in elderly dementia patients in UK and Italy. Poster presentation at the 2014 EuroDurg conference, Groningen (the Netherlands).

G Trifirò, V Ientile, D Ugo Tari, V Arcoraci, **J Sultana**, F Giorgianni, F Parrino, M Perrotta, G Farina, C Linguiti, AP Caputi. The impact of antidepressant treatment adherence on the use of diagnostic tests in depressed patients: a population-based study. Poster presentation at the 2014 EuroDurg conference, Groningen (the Netherlands).

Conference presentations - 2013

J Sultana, Y Ingrassiotta, F Giorgianni, V Savica, V Arcoraci, M Tari, D Santoro, A Nucita, AP Caputi, G Trifirò. Are medicines an additional source of phosphate to be considered in patients with chronic kidney disease? Poster presentation at the 2013 Italian Society of Pharmacology conference, Turin (Italy).

J Sultana, D Italiano, G Gambassi, E Spina, C Cricelli, F Lapi, S Pecchioli, G Trifirò. Antidepressant use in Italian elderly patients: a nationwide population based-study. Oral presentation at the 2013 International Society of Pharmacovigilance conference, Pisa (Italy).

Y Ingrassiotta, **J Sultana**, F Giorgianni, V Savica, V Arcoraci, M Tari, D Santoro, A Nucita, AP Caputi, G Trifirò. Use of nephrotoxic drugs in patients with chronic kidney disease: a population-based study in Southern Italy. Poster presentation at the 2013 International Society of Pharmacovigilance conference, Pisa (Italy).

J Sultana, CK Chang, R Hayes, M Broadbent, R Stewart, C Ballard. Associations between risk of mortality and atypical antipsychotic use in vascular dementia. Oral presentation at the 2013 International Federation of Psychiatric Epidemiology conference, Leipzig (Germany) in the pharmacoepidemiology symposium.

Society memberships

Associate member of the International Federation of Psychiatric Epidemiology (2013-present).

Member of the Italian Pharmacology Society (2014-present).

Member of the International Society of Pharmacoepidemiology (2015-present).

INFORMATION TECHNOLOGY AND LANGUAGE PROFICIENCY

Information technology

Experience of data management and basic data analysis of healthcare databases (THIN and HSD databases) in SAS as applied to observational studies over six years.

Language proficiency

<u>Proficiency</u>	<u>Maltese</u>	<u>English</u>	<u>Italian</u>	<u>French</u>	<u>German</u>
Speaking	1	1	1	2	4
Writing	1	1	1	3	4
Reading	1	1	1	2	4

(1= fluent; 2= requires some practice to attain full fluency; 3= requires significant practice to attain full fluency;
4=currently learning the language)