

# Curriculum vitae Giuseppe Roberto

## WORK EXPERIENCE IN PHARMACOEPIDEMOLOGY AND PHARMACOVIGILANCE

*From 01/03/2019 to 31/08/2019*

**HOME BASED, FREELANCE WORK CONTRACT AT:** PIN SCRL - POLO UNIVERSITARIO "CITTÀ DI PRATO"  
**ROLE:** "SCIENTIFIC CONSULTANT IN PHARMACOEPIDEMOLOGY"

*From 01/07/2018 to 31/12/2018*

**SUPERVISORS:** DR. GIANNI VIRGILI AND DR. ROSA GINI

**Main activities:** Scientific support for the execution of different regional, national and multinational pharmacoepidemiological studies (e.g. ADVANCE/VAC4EU, CONCEPTION,) and Post Authorization Studies (PAS) with a special focus on multi-database studies.

*From 07/02/2018 to 30/04/2018*

*From 01/11/2013 to 31/12/2017*

**TITLE OF THE PROJECT:** "EUROPEAN MEDICAL INFORMATION FRAMEWORK (EMIF)" - <http://www.emif.eu/>

**ROLE:** "PHARMACOEPIDEMOLOGIST"

**SUPERVISOR:** DR. ROSA GINI

**MAIN ACTIVITIES:** LITERATURE REVIEW, STUDY PROTOCOL DRAFTING, ACTIVITY REPORTS, DISCUSSION OF ANALYSIS RESULTS AND PRESENTATION TO NATIONAL AND INTERNATIONAL CONGRESSES, DRAFTING OF SCIENTIFIC ARTICLES FOR INTERNATIONAL PEER REVIEWED SCIENTIFIC JOURNALS. SUPPORT IN THE COORDINATION AND MANAGEMENT OF THE PHARMACOEPIDEMOLOGY RESEARCH UNIT OF THE REGIONAL HEALTH AGENCY OF TUSCANY.

**MAIN RESEARCH INTEREST:** MULTINATIONAL-MULTIDATABASE STUDIES

**OTHER TASKS:** COLLABORATION TO OTHER RESEARCH ACTIVITIES IN PHARMACOEPIDEMOLOGY CONCERNING REGIONAL, NATIONAL AND INTERNATIONAL PROJECTS, AMONG OTHERS:

i) "REGIONAL REPORT ON THE UTILIZATION OF MEDICINES REIMBURSED BY THE NATIONAL HEALTH SERVICE IN TUSCANY"

ii) "PATTERN OF USE AND DURABILITY OF INCRETIN BASED THERAPIES IN TUSCANY REGION"

iii) "INCIDENCE OF DIABETES COMPLICATIONS IN PATIENTS ON INSULIN ANALOGUES AGAINST THOSE ON HUMAN INSULIN"

iv) "ASSESSMENT OF SHORT AND LONG TERM RISK-BENEFIT PROFILE OF BIOLOGICS AND BIOSIMILARS THROUGH HEALTHCARE DATABASE NETWORK IN ITALY"

v) "I-GRADE ITALIAN GROUP FOR APPROPRIATE DRUG PRESCRIPTION IN THE ELDERLY"

vi) "RECORD LINKAGE OF ADMINISTRATIVE AND INTRA-HOSPITAL DATA SOURCES FOR THE STUDY OF REAL-WORLD UTILIZATION OF ANTINEOPLASTIC DRUGS IN TUSCANY"

vii) "THE ACCELERATED DEVELOPMENT OF VACCINE BENEFIT-RISK COLLABORATION IN EUROPE (ADVANCE)

"([WWW.ADVANCE-VACCINES.EU](http://WWW.ADVANCE-VACCINES.EU))

viii) ASPICAN PROJECT: ASPIRIN USE AND COLORECTAL CANCER RISK"

ix) "UTILIZATION OF BIOLOGIC DRUGS FOR THE TREATMENT OF RHEUMATOID ARTHRITIS IN TUSCANY"

x) COORDINATION OF THE ON-LINE JOURNAL CLUB OF PHARMACOEPIDEMOLOGY"

([https://www.ars.toscana.it/temi/journalclub\\_farmacoepidemiologia/](https://www.ars.toscana.it/temi/journalclub_farmacoepidemiologia/))

xi) PARTICIPATION TO DIFFERENT (BOTH IMPOSED AND NON-IMPOSED BY THE EUROPEAN MEDICINE AGENCY) POST AUTHORIZATION STUDIES (PAS)

*From 15/11/2014 to 15/12/2014*

**PROJECT-BASED FREELANCE WORK FOR:** HEALTH SEARCH - RESEARCH INSTITUTE OF THE ITALIAN SOCIETY OF PRIMARY CARE (SIMG), FLORENCE

**TITLE OF THE PROJECT:** RISK OF UPPER GASTROINTESTINAL COMPLICATIONS IN SUBJECTS EXPOSED TO LOW DOSE ASPIRIN AND OMEGA-3 FATTY ACIDS FOR SECONDARY CARDIOVASCULAR DISEASE PREVENTION: A NESTED CASE-CONTROL STUDY.

**ROLE:** MEDICAL WRITER (INTERPRETATION AND DISCUSSION OF RESULTS, LITERATURE REVIEW AND MANUSCRIPT

DRAFTING)

**SUPERVISOR:** DR FRANCESCO LAPI

*From 15/09/2014 to 15/10/2014*

**PROJECT-BASED FREELANCE WORK FOR:** HEALTH SEARCH - RESEARCH INSTITUTE OF THE ITALIAN SOCIETY OF PRIMARY CARE (SIMG), FLORENCE

**TITLE OF THE PROJECT:** PARACETAMOL AND PARACETAMOL-CODEINE COMBINATIONS AND RISK OF ACUTE CARDIOVASCULAR EVENTS: A CASE-CONTROL STUDY NESTED IN A COHORT OF PATIENTS WITH OSTEOARTHRITIS.

**ROLE:** MEDICAL WRITER (INTERPRETATION AND DISCUSSION OF RESULTS, LITERATURE REVIEW AND MANUSCRIPT DRAFTING)

**SUPERVISOR:** DR FRANCESCO LAPI

*From 08/04/2014 to 07/07/2014*

**PROJECT-BASED FREELANCE CONTRACT AT:** UNIVERSITY OF BOLOGNA, DEPARTMENT OF MEDICAL AND SURGICAL SCIENCES – UNIT OF EXPERIMENTAL PHARMACOLOGY

**TITLE OF THE PROJECT:** ADVERSE CARDIOVASCULAR REACTIONS OF ANTIMIGRAINE DRUGS

**SUPERVISOR:** DR ELISABETTA POLUZZI

**MAIN ACTIVITIES:** COORDINATION AND EXECUTION OF A SYSTEMATIC REVIEW OF OBSERVATIONAL STUDIES INVESTIGATING THE CARDIOVASCULAR RISK OF TRIPTANS AND ERGOTAMINES IN CLINICAL PRACTICE.

*From 01/07/2009 to 08/01/2014*

**COLLABORATOR AT:** REGIONAL CENTER FOR DRUG INFORMATION AND EVALUATION (CREVIF) - DEPARTMENT OF PHARMACOLOGY, UNIVERSITY OF BOLOGNA, BOLOGNA, ITALY

**JOB POSITIONS COVERED:**

**-RESEARCH FELLOW:** from 09/01/2012 to 08/01/2014

**TITLE OF THE PROJECT:** "EVALUATION OF THE SAFETY PROFILE OF TRIPTANS: FROM INTERNATIONAL SPONTANEOUS REPORTING DATA TO THE REGIONAL ADMINISTRATIVE DATABASES"

**SUPERVISOR:** DR ALBERTO VACCHERI

**-TRAINING FELLOW IN PHARMACOVIGILANCE:** from 01/07/2009 to 31/12/2011

**TITLE OF THE PROJECT:** "INVESTIGATION ON FACTORS INFLUENCING THE SPONTANEOUS REPORTING OF ADVERSE DRUG REACTIONS"

**SUPERVISOR:** PROFESSOR NICOLA MONTANARO

**MAIN ACTIVITIES:** TO PROVIDE SCIENTIFIC AND TECHNICAL SUPPORT FOR THE REGIONAL CENTER OF PHARMACOVIGILANCE OF EMILIA-ROMAGNA AND THE ITALIAN MEDICINE AGENCY INCLUDING:

- RESEARCH ACTIVITIES IN PHARMACOVIGILANCE (MAINLY), PHARMACOEPIDEMIOLOGY AND PHARMACOUTILIZATION
- INFORMATION ON DRUGS FOR PATIENTS AND HEALTH CARE PROFESSIONALS
- EVALUATION AND ANALYSIS OF SUSPECTED ADVERSE DRUG REACTION REPORTS FROM EMILIA-ROMAGNA REGION (E.G. CAUSALITY ASSESSMENT, DISPROPORTIONALITY ANALISES)
- ANNUAL REPORT ON SUSPECTED ADVERSE DRUG REACTION IN EMILIA-ROMAGNA REGION  
[http://www.saluter.it/documentazione/rapporti/FV\\_avverse\\_sett2011.pdf](http://www.saluter.it/documentazione/rapporti/FV_avverse_sett2011.pdf)  
<http://www.saluter.it/documentazione/rapporti/farmacosorveglianza-er-2009>
- ROUTINE SIGNAL DETECTION ANALYSIS OF THE NATIONAL PHARMACOVIGILANCE DATABASE  
MEMBER OF THE NATIONAL WORKING GROUP FOR THE SIGNAL DETECTION ANALYSIS ON DRUGS  
MEMBER OF THE NATIONAL WORKING GROUP FOR THE SIGNAL DETECTION ANALYSIS ON VACCINES
- ROUTINE SIGNAL DETECTION ANALYSIS OF THE EUROPEAN PHARMACOVIGILANCE DATABASE "EUDRAVIGILANCE"
- COLLABORATION TO PREPARATION AND EXECUTION OF TRAINING COURSE ON PHARMACOVIGILANCE FOR REGIONAL HEALTH CARE PROFESSIONALS
- MEMBERSHIP OF THE EDITORIAL BOARDS OF THE FOLLOWING REGIONAL AND NATIONAL/INTERNATIONAL DRUG SAFETY BULLETINS:  
FOCUS FARMACOVIGILANZA (ALSO AVAILABLE ON-LINE IN ENGLISH)

<http://www.pharmaco-vigilance.eu/>

PILLOLE DI SICUREZZA (PILLS OF SAFETY), ITALIAN LANGUAGE ONLY

<http://www.saluter.it/documentazione/materiale-informativo/schede-informative/pillole-di-sicurezza>

- DRAFTING/UPDATING OF MEDICINE LABELS

From 13/01/2012 to 13/07/2012

**TRAINEESHIP AT:** UPPSALA MONITORING CENTER (UMC), UPPSALA, SWEDEN – WHO COLLABORATING CENTER FOR INTERNATIONAL DRUG MONITORING

**RESEARCH ACTIVITY:** DEVELOPMENT OF THE RESEARCH PROJECT: "DISEASE-SPECIFIC ADVERSE EVENTS FOLLOWING NON-LIVE VACCINES IN A GLOBAL ADVERSE REACTION DATABASE"

**OTHER TASKS:** COLLABORATION TO SIGNAL DETECTION ANALYSIS ACTIVITIES AND UPDATING OF THE MEDICAL DICTIONARY FOR THE CODIFICATION OF ADVERSE REACTION WHO\_ART

**SUPERVISOR:** DR JERRY LABADIE

**AT:** UNIVERSITY OF VERONA, VERONA, ITALY

**TEACHING PROFESSOR:** CORRADO BARBUI

From 26/11/2009 to 21/03/2013

**PHD IN PHARMACOLOGY, THERAPY AND TOXICOLOGY**

**UNIVERSITY OF PADOVA, PADOVA, ITALY**

**THESIS:** "PATTERN OF USE AND CARDIOVASCULAR SAFETY OF TRIPTANS IN THE CLINICAL PRACTICE"

**SUPERVISOR:** DR ELISABETTA POLUZZI

From 07/10/2002 to 27/09/2009

**DEGREE IN PHARMACY**

**FINAL MARK:** 110/110 MAGNA CUM LAUDE

24 - 25/08/2019

**PRE-COURSES AT 35<sup>TH</sup> ICPE – INTERNATIONAL CONFERENCE ON PHARMACOEPIDEMIOLOGY THERAPEUTIC RISK**

**THESIS:** "FLOPIDINE'S SAFETY PROFILE: A CASE/NON-CASE STUDY ON ITALIAN SPONTANEOUS REPORTING DATA"

**SUPERVISOR:** DR DOMENICO MOTOLA

**- PRINCIPLES OF PHARMACOEPIDEMIOLOGY**

From November 2008 to july 2009

**ERASMUS STUDENT AT:** UNIVERSIDAD DE GRANADA, FACULTAD DE FARMACIA, GRANADA, SPAIN

**TEACHING PROFESSORS:** Almud Winterstein, FISPE Anton Pottegard Tobias Gerhard, FISPE

**- ADVANCED PHARMACOEPIDEMIOLOGY**

**TEACHING PROFESSORS:** Olaf Klungel, FISPE Katsiaryna Bykov Eric Tcheten Alec Walker, FISPE

From 05/06/2017 to 09/06/2017

**INTERNATIONAL SUMMER SCHOOL "CANCER BIOLOGY AND THERAPEUTIC STRATEGIES TOWARDS PERSONALIZED MEDICINE"**

DIPARTIMENTODI MEDICINA CLINICA E SPERIMENTALE – UNIVERSITÀ DI MESSINA, LIPARI

**TEACHING PROFESSORS:** ANDREA VENTURA, KEVIN HAIGIS, JULIEN SAGE, ALEJANDRO SWEET CORDERO, JOSEPH KISSIL, AL CHAREST, GOFFREDO ARENA, GIOVANNI TUCCARI, ANTONIO IENI, ALFREDO FERRO, VINCENZO ADAMO, TINDARA FRANCHINA

From 7/05/2016 to 27/05/2016

**SUMMER SCHOOL IN PHARMACOEPIDEMIOLOGY**

**AT MCGILL UNIVERSITY, MONTREAL, CANADA**

**TEACHING PROFESSORS:** LINDA LEVESQUE, KRIS FILION, LOURENT AZOULAY, SAMY SUISSA

From 07/07/2014 to 11/07/2014

**EUROPEAN EDUCATIONAL PROGRAMME IN EPIDEMIOLOGY**

**PARTICIPATION TO THE COURSES:** KEY AND ADVANCED CONCEPTS IN EPIDEMIOLOGY, ENVIRONMENTAL EPIDEMIOLOGY

From 25/11/2013 to 06/06/2014

**ADVANCED TRAINING COURSE ON SYSTEMATIC REVIEWS AND META-ANALYSIS FOR THE PRODUCTION OF EVIDENCE-BASED GUIDELINES FOR HEALTH CARE PROFESSIONALS, COCHRANE METHOD.**

## PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
Spanish	C1	C1	C1	C1	C1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user  
Common European Framework of Reference for Languages

Computer skills Good command of Microsoft Office™ tools (Word, Excel, Access, PowerPoint)

Other skills Good understanding of general strengths and limitations of different types of sources of observational healthcare data

Good knowledge of the main international terminologies for the codification of diseases (ICD9CM, ICD10, ICPC, READ).

Good command of the MedDRA and WHO\_ART terminologies for the codification of adverse drug reaction.

Basic Knowledge of the Unified Medical Language System.

Good knowledge of the Italian pharmacovigilance database (Rete Nazionale di Farmacovigilanza).

Good knowledge of different international databases (WHO global ICSR database - Vigibase, Eudravigilance, FDA Adverse Event Reporting System,)

Good command of the medical databases PUBMED and MICROMEDEX.

Good command of ReferenceManager and similar softwares for the management of bibliography.

Good Knowledge of ReviewManager software for preparing and maintaining Cochrane or non-Cochrane systematic reviews.

Good Knowledge of GRADEpro software for the creation of Summary of Findings (SoF) tables for grading the quality of evidence collected through systematic reviews.

Beginner user of the statistical software STATA .

Driving licence A, B

## ADDITIONAL INFORMATION

## Memberships and awards

*From July 2014 to date* Member of the European Network of Center of Pharmacoepidemiology and Pharmacovigilance (ENCEPP) –

*From July 2017 to date* Participating to the activity of the ENCEPP Working Group 3 for the inventory of EU data sources and methodological approaches for multisource studies

*From July 2015 to date* Member of the Italian Society of Epidemiology (AIE)

From May 2015 to 2016 Member of the International Society of Pharmacoepidemiology

From September 2011 to date Member of Italian Cochrane Network – Alessandro Liberati Association

From 2015 to date Member of the Italian Society of Pharmacology (SIF – Società Italiana di Farmacologia)

From 2015 to date Reviewer for the scientific journals including “American Journal of Ophtalmology”, “Clinical Therapeutics”, “Springer Plus”, “E-biomedicine”, “Plos One”, “Journal of Orthopaedics and Sports Medicine”, “Clinical Therapeutics and Risk Management”, “Scientific reports”.

20 February 2012 Research scholarship granted by the Italian Society of Pharmacology (SIF – Società Italiana di Farmacologia) for short periods of internship abroad.

In extenso peer reviewed publication in English Piccinni C, Antonazzo IC, Maggioni AP, Pedrini A, Calabria S, Ronconi G, Dondi L, Martini N, Roberto G, Sampietro T, Sbrana F, Pino BD, Bigazzi F, Surdo GL, Volpi E, Biagini S, Gini R. *PCSK9 Inhibitors' New Users: Analysis of Prescription Patterns and Patients' Characteristics from an Italian Real-world Study*. Clin Drug Investig. 2019 Dec 3. doi: 10.1007/s40261-019-00877-3. [Epub ahead of print]

Gini R, Dodd CN, Bollaerts K, Bartolini C, Roberto G, Huerta-Alvarez C, Martín-Merino E, Duarte-Salles T, Picelli G, Tramontan L, Danieli G, Correa A, McGee C, Becker BFH, Switzer C, Gandhi-Banga S, Bauwens J, van der Maas NAT, Spiteri G, Sdonà E, Weibel D, Sturkenboom M. *Quantifying outcome misclassification in multi-database studies: The case study of pertussis in the ADVANCE project*. Vaccine. 2019 Oct 31. pii: S0264-410X(19)30936-3. doi: 10.1016/j.vaccine.2019.07.045

Virgili G, Tosi GM, Figus M, Rizzo S, Murro V, Mucciolo DP, Roberto G, Gini R. *Use of anti-vascular endothelial growth factor drugs for eye disease in Tuscany: Development and test of indicators of treatment intensity*. Eur J Ophthalmol. 2019 Oct 30;1120672119885045

Hyeraci G, Spini A, Roberto G, Gini R, Bartolini C, Lucenteforte E, Corrao G, Rea F. *A Systematic Review of Case-Identification Algorithms Based on Italian Healthcare Administrative Databases for Three Relevant Diseases of the Cardiovascular System: Acute Myocardial Infarction, Ischemic Heart Disease, and Stroke*. Epidemiol Prev. 2019 Jul-Aug;43(4 Suppl 2):37-50

Canova C, Simonato L, Barbiellini Amidei C, Baldi I, Dalla Zuanna T, Gregori D, Danieli S, Buja A, Lorenzoni G, Pitter G, Costa G, Gnani R, Corrao G, Rea F, Gini R, Hyeraci G, Roberto G, Spini A, Lucenteforte E, Agabiti N, Davoli M, Di Domenicantonio R, Cappai G. *A Systematic Review of Case-Identification Algorithms for 18 Conditions Based on Italian Healthcare Administrative Databases: A Study Protocol*. Epidemiol Prev. 2019 Jul-Aug;43(4 Suppl 2):8-16

Spini A, Roberto G, Gini R, Bartolini C, Bazzani L, Donnini S, Crispino S, Ziche M. *Evidence of  $\beta$ -blockers drug repurposing for the treatment of triple negative breast cancer: A systematic review*. Neoplasma. 2019 Nov;66(6):963-970

Ingrasciotta Y, Belleudi V, Trotta F, Addis A, Fontana A, Chinellato A, Ientile V, Tari DU, Roberto G, Pastorello M, Scondotto S, Cananzi P, Traversa G, Davoli M, Rossi M, Trifirò G; *In Search of Predictors of Switching Between Erythropoiesis-Stimulating Agents in Clinical Practice: A Multi-Regional Cohort Study*. Italian Biosimilars Network (I-BioNetwork). BioDrugs. 2019 Oct 8. doi: 10.1007/s40259-019-00385-y. [Epub ahead of print]

Almeida JR, Gini R, Roberto G, Rijnbeek P, Oliveira JL. *TASKA: A modular task management system to support health research studies*. BMC Med Inform Decis Mak. 2019 Jul 2;19(1):121. doi: 10.1186/s12911-019-0844-6.

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 and the Italian Group for Appropriate Drug Prescription in the Elderly (I-GrADE). *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, Vol. 10: 1–14. <https://doi.org/10.1177/2042098619838138>

Roberto G, Barone-Adesi F, Giorgianni F, Pizzimenti V, Ferrajolo C, Tari M, et al. *Patterns and trends of utilization of incretin-based medicines between 2008 and 2014 in three Italian geographic areas*. BMC Endocrine Disorders. 2019 Feb 7;19(1):18.

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. doi: 10.1080/17425255.2019.1561860. Epub 2019 Jan 4.

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 Jul;38(7):593-602. doi: 10.1007/s40261-018-0642-4.

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 Dec;35(12):1099-1108. doi: 10.1007/s40266-018-0600-0.

Roberto G, Bartolini C, Rea F, Onder G, Vitale C, Trifirò G, Kirchmayer U, Chinellato A, Lucenteforte E, Corrao G, Mugelli A, Lapi F, Gini R; Italian Group for Appropriate Drug prescription in the Elderly (I-GrADE). *NSAIDs utilization for musculoskeletal indications in elderly patients with cerebro/cardiovascular disease*. Eur J Clin Pharmacol. 2018 Jan 30. doi: 10.1007/s00228-018-2411-y. [Epub ahead of print]

Comoretto RI, Rea F, Lucenteforte E, Mugelli A, Trifirò G, Cascini S, Roberto G, Chinellato A, Filippelli A, Corrao G; Italian Group for Appropriate Drug prescription in the Elderly (I-GrADE). *Bleeding events attributable to concurrent use of warfarin and other medications in high-risk elderly: meta-analysis and Italian population-based investigation*. Eur J Clin Pharmacol. 2018 Aug;74(8):1061-1070. doi: 10.1007/s00228-018-2467-8. Epub 2018 May 7.

Biffi A, Rea F, Scotti L, Mugelli A, Lucenteforte E, Bettiol A, Chinellato A, Onder G, Vitale C, Agabiti N, Trifirò G, Roberto G, Corrao G; Italian Group for Appropriate Drug prescription in the Elderly (I-GrADE). *Antidepressants and the risk of arrhythmia in elderly affected by a previous cardiovascular disease: a real-life investigation from Italy*. Eur J Clin Pharmacol. 2018 Jan;74(1):119-129. doi: 10.1007/s00228-017-2352-x. Epub 2017 Oct 18.

Rea F, Bonassi S, Vitale C, Trifirò G, Cascini S, Roberto G, Chinellato A, Lucenteforte E, Mugelli A, Corrao G; I-GrADE investigators. *Exposure to statins is associated to fracture risk reduction in elderly people with cardiovascular disease: evidence from the AIFA-I-GrADE observational project*. Pharmacoepidemiol Drug Saf. 2017 Jul;26(7):775-784. doi: 10.1002/pds.4206. Epub 2017 Mar 31.

Bettiol A, Lucenteforte E, Vannacci A, Lombardi N, Onder G, Agabiti N, Vitale C, Trifirò G, Corrao G, Roberto G, Mugelli A, Chinellato A; Italian Group for Appropriate Drug prescription in the Elderly (I-GrADE). *Calcium Channel Blockers in Secondary Cardiovascular Prevention and Risk of Acute Events: Real-World Evidence from Nested*



*Case-Control Studies on Italian Hypertensive Elderly*. Clin Drug Investig. 2017 Dec;37(12):1165-1174. doi: 10.1007/s40261-017-0576-2.

Gini R, Schuemie MJ, Mazzaglia G, Lapi F, Francesconi P, Pasqua A, Bianchini E, Montalbano C, Roberto G, Barletta V, Cricelli I, Cricelli C, Dal Co G, Bellentani M, Sturkenboom M, Klazinga N. *Automatic identification of type 2 diabetes, hypertension, ischaemic heart disease, heart failure and their levels of severity from Italian General Practitioners' electronic medical records: a validation study*. BMJ Open. 2016 Dec 9;6(12):e012413. doi: 10.1136/bmjopen-2016-012413.

Roberto G, Leal I, Sattar N, Loomis AK, Avillach P, Egger P, van Wijngaarden R, Ansell D, Reisberg S, Tammesoo ML, Alavere H, Pasqua A, Pedersen L, Cunningham J, Tramontan L, Mayer MA, Herings R, Coloma P, Lapi F, Sturkenboom M, van der Lei J, Schuemie MJ, Rijnbeek P, Gini R. *Identifying cases of type 2 diabetes in heterogeneous data sources: strategy from the EMIF project*. PLoS ONE 2016;11(8):e0160648.

Roberto G, Simonetti M, Cricelli C, Cricelli I, Giustini SE, Parretti D, Lapi F. *Concurrent use of low-dose aspirin and omega-3 fatty acids and risk of upper gastrointestinal complications: a cohort study with nested case-control analysis*. Basic Clin Pharmacol Toxicol. 2016 Feb;118(2):136-42. doi: 10.1111/bcpt.12454. Epub 2015 Sep 11.

Roberto G, Simonetti M, Piccinni C, Lora P, Cricelli I, Fanelli A, Cricelli C, Lapi F. *Risk of acute cerebrovascular and cardiovascular events with acetaminophen or acetaminophen-codeine combination: a case-control study nested in a cohort of patients with osteoarthritis*. Pharmacotherapy. 2015 Oct;35(10):899-909. doi: 10.1002/phar.1646.

Roberto G, Raschi E, Piccinni C, Conti V, Vignatelli L, D'Alessandro R, De Ponti F, Poluzzi E. *Adverse cardiovascular events associated with triptans and ergotamines for treatment of migraine: systematic review of observational studies*. Cephalalgia. 2015 Feb;35(2):118-31. Epub 2014 Sep 22.

Roberto G, Zannoni G. *Disease-related adverse event following non-live vaccine: investigation of a newly described reporting bias through the analysis of the WHO Global ICSR database, VigiBase*. Vaccine. 2014 May 30;32(26):3328-35. Epub 2013 Nov 26.

Roberto G, Piccinni C, D'Alessandro R, Poluzzi E. *Triptans and serious adverse vascular events: Data mining of the FDA Adverse Event Reporting System database*. Cephalalgia 2014 Jan; 34(1):5-13. Epub 2013 Aug 6.

Biagi C, Montanaro N, Buccellato E, Roberto G, Vaccheri A, Motola D. *Underreporting in pharmacovigilance: an intervention for Italian GPs (Emilia-Romagna region)*. Eur J Clin Pharmacol. 2013 Feb;69(2):237-44. Epub 2012 Jun 17.

Roberto G, Biagi C, Montanaro N, Koci A, Moretti U, Motola D. *Statin-associated gynecomastia: evidence coming from the Italian spontaneous ADR reporting database and literature*. Eur J Clin Pharmacol. 2012 Jun;68(6):1007-11.

Biagi C, Poluzzi E, Roberto G, Puccini A, Vaccheri A, D'Alessandro R, Motola D, Montanaro N. *Pattern of triptan use and cardiovascular coprescription: a pharmacoepidemiological study in Italy*. Eur J Clin Pharmacol. 2011 Dec;67(12):1283-9. Epub 2011 Jun 15.

Other non-indexed publications  
and/or in Italian language only  
(short articles on drug safety  
bulletins, protocols, PhD thesis,  
etc)

*Rapporto sui farmaci in Toscana*. Dec 2019. Edited by R. Gini and G. Roberto. Available at: [https://www.ars.toscana.it/images/publicazioni/Collana\\_ARS/2019/Documento\\_farmaci\\_2019\\_11\\_12\\_19.pdf](https://www.ars.toscana.it/images/publicazioni/Collana_ARS/2019/Documento_farmaci_2019_11_12_19.pdf)

*Rapporto sui farmaci in Toscana*. Dec 2018. R. Gini and G. Roberto. Available at: [https://www.ars.toscana.it/images/Documento\\_Farmaci\\_2018\\_DEF.pdf](https://www.ars.toscana.it/images/Documento_Farmaci_2018_DEF.pdf)

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G Roberto, F. Barone Adesi, F. Giorgianni, V. Pizzimenti, C. Ferrajolo, C. Bartolini, F. Lapi, P. Francesconi, G. Trifirò, E. Poluzzi, F. Baccetti, R. Gini. *Pattern of use of incretin-based medicines in a large sample of the Italian general population* - 33rd International Conference on Pharmacoepidemiology and Therapeutic Risk Management - August 28, 2017, Montreal, Canada [Abstract]



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R. Gini, G. Roberto, G. Virgili, F. Attanasio, A. Spini, V. Moscatelli, C. Bartolini, S. Trippoli, M. Ziche, A. Messori, A. Vannucci, C. Marinai. *Pattern of Use of Intravitreal Drugs with Antiangiogenic Properties for Age-related Macular Degeneration and Other Vascular Retinopathies*. 33rd International Conference on Pharmacoepidemiology and Therapeutic Risk Management - August 26-30, 2017, Montreal, Canada [Abstract]

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Roberto G, Raschi E, Piccinni C, Conti V, Vignatelli L, D'Alessandro R, De Ponti F, Poluzzi E. *Eventi avversi cardiovascolari associati all'uso di triptani ed ergotamini nel trattamento dell'emicrania: una revisione sistematica di studi osservazionali*. XXIII National Congress of Pharmacoepidemiology. Rome, December 9, 2014 [Poster].

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Roberto, G, Zanoni, G. *Disease-Related Adverse Events Following Non-Live Vaccines: Analysis of the WHO Global ICSRs Database, Vigibase* - 13th Annual Meeting of the International-Society-of-Pharmacovigilance (ISoP) - The Renaissance of Pharmacovigilance - Pisa, Italy. OCT 01-04, 2013. Drug Safety. Volume: 36; Issue: 9; Pages: 921-921; Published: 2013 [Oral Presentation]

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Roberto G. *Disease-specific adverse event following non-live vaccine: investigation of a newly described reporting bias through the analysis of the WHO Global ICSRs database*. VI Regional Course of Pharmacovigilance. Bologna, September 14, 2012. [Oral Presentation]

Roberto G. *Carotid artery dissection after triptan assumption: analysis of the FDA Adverse Event Reporting System database*. XVI Nation Congress of PhD students and research fellows in Pharmacology and related fields. Rimini, September 16-19, 2012 [Oral Presentation]

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Roberto G., Biagi C., Suzzi C., Buccellato E., Motola D. *Rosuvastatin and gynecomastia: a signal from the Italian spontaneous reporting database*. XX National Congress of Pharmacoepidemiology. Roma, December 12 – 13, 2011. [Poster]

Sangiorgi E., Marchi A., Trapanese M., Roberto G., Biagi C., Motola D., Carati D., Montanaro N. *Pharmacovigilance center of Emilia-Romagna region: results and perspective*. XX National Congresso of Pharmacoepidemiology. Roma, December 12 – 13, 2011. [Poster]

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*pharmacoepidemiological study in Italy*. 35° National Congress of the Italian Society of Pharmacology. Bologna, September 14-17, 2011 [Poster]

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#### Participation to congresses, and workshops

9th Consortium Meeting of the European Medical Information Framework (EMIF), Barcelona, May 22-23, 2017

ADVANCE 8th General Assembly. May 17th -18<sup>th</sup>, 2017. Sitges, Barcelona.

Il ruolo della Farmacologia Clinica in Italia: prospettive future nell'ambito del SSN. Convegno Monotematico Società Italiana di Farmacologia (SIF) 15-16 Dicembre 2016, Napoli

XXV Seminario Nazionale: La valutazione dell'uso e della sicurezza dei farmaci: esperienze in Italia, ISS, Roma 12 – 13 Dicembre 2016

Workshop: "La governance dell'innovazione farmaceutica. Aula Magna della Scuola Superiore Sant'Anna di Pisa, 17 novembre 2016

XL Congresso dell'Associazione Italiana di Epidemiologia, Torino 19 – 21 Ottobre 2016

7th ADVANCE Forum and General Assembly Meeting, Barcelona, 4th and 5th of October 2016.

32nd International Conference on Pharmacoepidemiology and Therapeutic Risk Management - August 25-28, 2016, Dublin, Ireland

7th European Congress of Pharmacology - Istanbul, 27 June 2016

XXIV Seminario Nazionale di Farmacoepidemiologia. Istituto Superiore di Sanità 14-15 Dicembre 2015

XXXVII National Congress of the Italian Society of Pharmacology. Naples, 27-30 October 2015

31st International Congress on Pharmacoepidemiology & Therapeutic Risk Management. August 22-26, 2015 Boston, Massachusetts. USA



EMIF 2nd General Assembly meeting June 22-24, 2015 – Ghent Belgium

EMIF WP15 4th Business Modelling Workshop (9th June 2015, Brussels)

Treatment of diabetes: therapeutic and clinical perspectives”. Italian Society of Pharmacology. Accademia delle Scienze dell’Istituto di Bologna, Bologna, 11 June 2015

Workshop on “The GRADE approach for complex decisions” and Meeting of the Italian Cochrane Network - Alessandro Liberati Association – Turin, 21-22, May 2015

Pharmacological treatment of immune-mediated inflammatory diseases: from conventional to biotech medicines. Italian Society of Pharmacology. Royal Hotel Carlton, Bologna, 5-7 March 2015

EMIF week – Consortium meeting of the European Medical Information Framework project. Barcelona , 8-12 December 2014

European Network of Center for Pharmacoepidemiology and Pharmacovigilance (ENCePP) Plenary meeting. European Medicine Agency (EMA) London 21/11/2014

La farmacologia clinica tra impegno nella ricerca e ruolo nel Servizio Sanitario Nazionale. Convegno Monotematico SIF – Naples, October 2-3, 2014

Il Decalogo dei Farmaci Biosimilari: 10 affermazioni da cui ripartire. Roma, September 24-25, 2014.

European Educational Programme in Epidemiology (EEPE) – Florence, July 7-11, 2014

Annual meeting of the International Society of Pharmacovigilance – Pisa 2-4 October 2013

36° Congresso Nazionale SIF. Turin, October 23-26, 2013.

VI Corso Regionale Di Farmacovigilanza. Bologna, December 14, 2012.

XVI Seminario Nazionale Dottandi ed Assegnisti in Farmacologia ed Affini. Rimini, September 16-19, 2012

Causality Assessment in an Evolving Pharmacovigilance Landscape. 24-25 Maggio 2012, Uppsala, Svezia

6th European Congress of Pharmacology. Granada, July 17-20, 2012

XX Congresso Nazionale di Farmacoepidemiologia. Rome, December 12 – 13, 2011.

35° Congresso Nazionale della SIF - Bologna, September 14-17, 2011

ISPE Mid-Year Meeting. “New Strategies for the Post-marketing Monitoring of Medical Products”. Florence April 9-11, 2011.

ISS – Istituto Superiore di Sanità - Valutazione dell’uso e della sicurezza dei farmaci: esperienze in Italia – December 13, 2010 – Rome

Risultati dei progetti di farmacovigilanza della regione lombardia: formazione del personale sanitario e miglioramento dell' appropriatezza prescrittiva. Milan, December 13, 2010

V Convegno Monotematico SIF. La farmacovigilanza e la farmacoutilizzazione come strumenti per l'appropriatezza prescrittiva: esperienze a confronto Imola, October 1, 2010

GSISR – Gruppo Scientifico Italiano Studi e Ricerche – Farmacovigilanza: la situazione in



Europa e l'esperienza italiana – June 9, 2010 – Milan

Stato dell'arte sulle tossicodipendenze. Il metadone: 40 anni di storia. Imola, April 22, 2010

La farmacovigilanza come strumento di appropriatezza prescrittiva – Ferrara, February 27, 2010

IV Corso Regionale di Farmacovigilanza, Regione Emilia-Romagna, viale Silvani 6, Bologna (November 19, 2010)

III Corso Regionale di Farmacovigilanza, Regione Emilia-Romagna, viale Silvani 6, Bologna (November, 17 – 18 – 19, 2009)

II Corso Regionale di Farmacovigilanza, Regione Emilia-Romagna, viale Silvani 6, Bologna (December 4 – 5, 2008)

Florence, 05/12/2019

Signature

