

July 2023

CURRICULUM VITAE

Allegra Sarah (BSc, MSc, PhD)

ORCID: 0000-0003-4933-0011

Education

- 01/10/2015-11/09/2018 **Ph. D. in Complex Systems for Life Sciences**, University of Turin
PhD Thesis: Pharmacokinetics and pharmacogenetics of deferasirox for iron overload treatment in beta-thalassaemia patients
- 10/2011-10/2013: **Master's Degree** in Cellular and Molecular Biology (110/110), University of Turin
Thesis: Influenza di alcuni polimorfismi genetici sul profilo farmacocinetico del deferasirox in pazienti affetti da β -talassemia major
- 10/2008-10/2011 **Bachelor's Degree** in Biological Sciences (102/110), University of Turin
Thesis: Spondilite anchilosante: aspetti genetici

Certificate

- 27/09/2022 – 27/09/2032 **National Scientific Qualification Competition Sector 05 / G1 - PHARMACOLOGY, CLINICAL PHARMACOLOGY AND PHARMACOGNOSY**

Professional experience

- 01/07/2023 – Today **Fixed-term researcher** art. 24, comma 3, lett. A (RTDA) BIO/14
Laboratory of Clinical Pharmacology “Franco Grezzo”; Department of Clinical and Biological Sciences, University of Turin, S. Luigi Gonzaga Hospital, Orbassano, Torino, Italy
- 01/04/2023 – 30/06/2023 **Research grant** funded by the Umberto Veronesi Foundation, for the project: "GSH20" Metabolomic analysis of sulfur compounds in hemoglobinopathies and onco-haematological diseases. (Prof. De Francia Silvia)
Laboratory of Clinical Pharmacology “Franco Grezzo”; Department of Clinical and Biological Sciences, University of Turin, S. Luigi Gonzaga Hospital, Orbassano, Torino, Italy
- 1/03/2019 – 31/03/2023 **Research Fellowship** funded by the University of Turin, for the project: Effect of mitotane on hypercholesterolemia models; New standardized procedure to extract glyphosate and aminomethylphosphonic acid (AMPA) from organic and inorganic matrices: towards a practical kit for HPLC-UV detection; Gender pharmacology: how important are sex and gender in pharmacological treatments? (Prof. Silvia De Francia)
Laboratory of Clinical Pharmacology “Franco Grezzo”; Department of Clinical and Biological Sciences, University of Turin, S. Luigi Gonzaga Hospital, Orbassano, Torino, Italy
- 12/03/2018-28/02/2019 **Co.co.co.** (contract for continuative and coordinated services) for the project: Clinically applicable biomarkers to early diagnosis, patient risk stratification and therapy response in pancreas cancer. (Prof. Roncalli Massimo)
Laboratory of Immunohistochemistry and Molecular Genetic, Humanitas Clinical and Research Center, Pathology Unit, Rozzano, Milano, Italy.
- 07/01/2018-12/02/2018 **Fellowship** funded by the University of Turin, for the project: LC-MS development and validation methods for drug dosing. (Prof. D'Avolio Antonio)

Laboratory of Clinical Pharmacology and Pharmacogenetics. Department of Medical Sciences, Unit of Infectious Diseases, University of Torino, ASL Città di Torino, Amedeo di Savoia Hospital, Corso Svizzera 164 - 10149 Turin (ITALY). PHASE I AIFA, UNI EN ISO 9001:2008 and 13485:2012 (CE-IVD) CERTIFIED LABORATORY; Certificate No. IT-64386; Certification for: "DESIGN, DEVELOPMENT AND APPLICATION OF DETERMINATION METHODS FOR ANTI-INFECTIVE DRUGS PHARMACOGENETIC ANALYSES."

01/12/2014-30/11/2017 **Fellowship** funded by the Amedeo di Savoia Hospital, for the project:

Epidemiological profile of methicillin-resistant *Staphylococcus aureus* (MRSA) infection in the hospital. (Prof. D'Avolio Antonio)

Laboratory of Clinical Pharmacology and Pharmacogenetics. Department of Medical Sciences, Unit of Infectious Diseases, University of Torino, ASL Città di Torino, Amedeo di Savoia Hospital, Corso Svizzera 164 - 10149 Turin (ITALY). PHASE I AIFA, UNI EN ISO 9001:2008 and 13485:2012 (CE-IVD) CERTIFIED LABORATORY; Certificate No. IT-64386; Certification for: "DESIGN, DEVELOPMENT AND APPLICATION OF DETERMINATION METHODS FOR ANTI-INFECTIVE DRUGS PHARMACOGENETIC ANALYSES."

Career breaks

16/02/2020 – 16/07/2020 Maternity suspension (5 months).

17/07/2020 – 17/11/2020 Parental Leave (4 months).

Didactic

01/07/2023 – Today **Pharmacology (BIO/04) of the Integrated Course in General Clinical Nursing** (I year, II semester), CdS Nursing, Cuneo educational center - Faculty of Medicine, University of Turin, Italy

01/07/2023 – Today **Pharmacology (BIO/14) of the Integrated Course in Clinical Nursing in the Medical Area** (II year, I semester), CdS Nursing Cuneo educational center - Faculty of Medicine, University of Turin, Italy

2023 – Today *Co-Supervisor* for the **PhD Programme in Experimental Medicine and Therapy**, University of Turin, Italy

Didactic support

2019 – 2023 **Pharmacology (BIO/14) of the Integrated Course in General Clinical Nursing** (I year, II semester), CdS Nursing, Cuneo educational center - Faculty of Medicine, University of Turin, Italy

2019 – 2023 **Pharmacology (BIO/14) of the Integrated Course in Clinical Nursing in the Medical Area** (II year, I semester), CdS Nursing Cuneo educational center - Faculty of Medicine, University of Turin, Italy

2021 – 2023 **Pharmacology (BIO/14) of the Pharmacology and Sampling Techniques Course** (II year, I semester), CdS Biomedical Laboratory Technical Cuneo educational center - Faculty of Medicine, University of Turin

2022- 2023 **Pharmacology (BIO/14) of the Integrated Course in General Clinical Nursing** (I year, II semester), CdS Nursing Orbassano educational center - Faculty of Medicine, University of Turin

2022- 2023 **Pharmacology (BIO/14) of the Integrated Course in Clinical Nursing in the Medical Area** (II year, I semester), CdS Nursing Orbassano educational center - Faculty of Medicine, University of Turin

2022- 2023 **Pharmacology (BIO/14) of the Pharmacology And Blood Collection Techniques Course** (II year, I semester), CdS Biomedical Laboratory Technician University Hospital City of Health and Science of Turin educational center - Faculty of Medicine, University of Turin

2022- 2023 **Research on drugs (BIO/14) of the Research Course 2** (II year), Master's Degree Course in Nursing and Midwifery Sciences University Hospital City of Health and Science of Turin educational center - Faculty of Medicine, University of Turin

- 2020- 2023 **Physiology** (BIO/09) of the Integrated Course Functioning of the Human Body (I year, I semester), CdS Nursing Cuneo educational center - Faculty of Medicine, University of Turin
- 2020- 2023 **Physiology** (BIO/09) of the Integrated Course Functioning of the Human Body (I year, I semester), CdS Nursing, Ivrea educational center - Faculty of Medicine, University of Turin

Public engagement

- 2018- Today Co.co.co. “ASSOCIAZIONE CENTROSCIENZA ONLUS” Via Accademia delle Scienze, 6 - 10123 Torino
- 2018- 2023 European Research Night
- 2022 – Today Ricercatori alla Spina (Psiquadro, UniTo)

Professional services and memberships

- 2013-Today **Member** of Italian Society of Pharmacology (SIF)
- 2015-2016 **Member** of the European Society of Clinical Microbiology and Infectious Diseases
- 2014-Today **Collaborator** of the “Newsletter mensile a cura del Gruppo di Lavoro sulla Farmacogenetica della Società Italiana di Farmacologia” (SIF farmacogenetica)

Guest Editor

Life journal, MDPI; *Biomedicines Journal*, MDPI; *Pharmacogenomics Research and Personalized Medicine Journal*, Amegroups; *Journal of Personalized Medicine*, MDPI.

Topic Cordinator

Research Topic in Pharmacogenetic of Psychiatric Disorders (*Frontiers in Genetics*, Frontiers)

Reviewer Board Member

European Journal of Clinical Pharmacology (Springer publisher), MDPI publisher's international journals, Canadian Journal of Pharmacology and Phisiology (Canadian Science Publishing), Clinical Sciences (Portland Press), Drugs in R&D and European Journal of Drug Metabolism and Pharmacokinetics (Springer Nature), Pharmacogenomics and Personalized Medicine (Future Medicine Group), Bentham Science publisher journals, Clinical and experimental pharmacology and physiology (John Wiley & Sons), TAYLOR & FRANCIS publisher journals.

Awards

- 2017 Award for collaborator of the “Newsletter mensile a cura del Gruppo di Lavoro sulla Farmacogenetica della Società Italiana di Farmacologia” (SIF farmacogenetica; Italian Society of Pharmacology)
- 2019 First Award in memory of Dott.ssa Morone for young researcher in oncology (Fondazione Ricerca Molinette ONLUS)
- 2019 “Guelfo Marcucci” Award for non-oncological hematology (Kedrion and Fondazione Carlo Erba)
- 2022 Young Investigator Award: 94° of the Italian Society of Experimental Biology
- 2022 International Gender Medicine Congress 2022 Young Investigators Award for the Scientific Contribution
- 2023 "Post-doctoral Fellowships" research grants Fondazione Umberto Veronesi Year 2023

Travel Grants

- Rome, 13-14/12/2018 Travel Grant for *Combinazioni e sequenze in terapia: 3° edizione*
- Catania, 22-26/07/2019 Travel Grant for *Catania International Summer School of Neuroscience (CISSN 2019) “NEUROGENETICS AND NEUROGENOMICS”* (Italian Society of Pharmacology)
- Rome, 26-27/09/2019 Travel Grant for *Combinazioni e sequenze in terapia: 3° edizione*

Patent

International Patent n. 102021000013796, date: 27.05.2021 (BNA rif.: BIT23810-CF/gp - Vs. Rif. P2020.04) "Method to determine glyphosate and aminomethylphosphonic acid in a sample" Inventors: CHIARA F, ARRIGO E, **ALLEGRA S**, DE FRANCIA S, MANCARDI D.

Training courses

- 19-20/05/2016 **Training course** "The Biologist as Technical Consultant in Judicial Investigations: Disciplines, Application and Cases" (Code No. 23732 Edition 1) organized by the Piedmont Biologists Association and held in Turin, for a total duration of 15 hours and 30 minutes (Residential Training), with passing the assessment test.
- 21-27/09/2017 **Training course** in Biostatistics (4CFU) held at the Center for Molecular Biotechnology of the University of Turin by Prof. Richiardi, for students enrolled in the PhD Course in Complex Systems in Life Sciences.
- 2018-2019 **Training course** "Combinations and Sequences in Therapy: Clinical-Methodological and Pharmaco-economic Aspects" (third and fourth editions), Scientific Director Prof. Pier Luigi Canonico.
- 22-26/07/2019 **Summer School** Catania International Summer School of Neuroscience "Neurogenetics and Neurogenomics", coordinator Prof. Filippo Drago, Scientific Director Prof. Alessandro Serretti.
- 16-22/08/2010 **Training course** Studio cetacei stretto - mediterranean sea turtle project - thunnus - capodoglio (Salina, Messina) realized by the Necton Marine Research Society with the collaboration of Delphis Aeolian Dolphin Center.

Publications in Peer Reviewed International Journals

Number of publications: 57

Total citations: 600

ISI h-index: 13

Journal Papers:

1. **Allegra, S.**; Chiara, F; Di Grazia, D.; Gaspari, M.; De Francia, S. Evaluation of Sex Differences in Preclinical Pharmacology Research: How Far Is Left to Go? *Accepted for publication* Pharmaceuticals 2023
IF: 5.215 Q1
2. De Francia, S.; Chiara, F; **Allegra, S.** COVID-19 Prevention and Treatment. Life 2023, 13(3), 834;
<https://doi.org/10.3390/life13030834>
IF: 3.235 Q2
3. **Allegra, S.**; De Francia, S.; Turco, F.; Bertaggia, I.; Chiara, F.; Armando, T.; Storto, S.; Mussa, M.V. Phytotherapy and Drugs: Can Their Interactions Increase Side Effects in Cancer Patients? J. Xenobiot. 2023, 13(1), 75-89;
<https://doi.org/10.3390/jox13010007>
4. **Allegra, S.** Cancer Genetics and Clinical Research. Journal of Personalized Medicine, 2022 October 4, 12(10), 1649. 10.3390/jpm12101649
IF: 3.508 Q1
5. **Allegra, S.**; Puglisi, S.; Borin, C.; Chiara, F.; Basile, V.; Calabrese, A.; Reimondo, G.; De Francia, S. Sex-Based Evaluation of Lipid Profile in Postoperative Adjuvant Mitotane Treatment for Adrenocortical Carcinoma. Biomedicines 2022, 10, 1873. <https://doi.org/10.3390/biomedicines10081873>
IF: 4.757 Q2
6. Chiara F.*, **Allegra S.***, Brescia I., Arrigo E., De Francia S. Influence of seasonal variation and gender on anti-epileptic drugs pharmacokinetics. Ital J Gender-Specific Med 2022;8(3):127-134
doi 10.1723/3927.39106
IF: 0.2 Q4; *co-first authors

7. Cusato J, Palermiti A, Manca A, Mula J, Antonucci M, De Nicolò A, **Allegra S**, De Francia S, Chiara F, Di Perri G, Rosa FG, Calcagno A, D'Avolio A. Antifungal Drug Plasma Exposures: A Possible Contribution of Vitamin D-Related Gene Variants. *Pharmaceuticals (Basel)*. 2022 May 20;15(5):630. doi: 10.3390/ph15050630. PMID: 35631455.

IF: 5.215 Q1

8. De Francia S, Ferretti A, Chiara F, **Allegra S**, Mancardi D, Allice TG, Milia MG, Gregori G, Burdino E, Avanzini C, Ghisetti V, Durio A. The Influence of Sex, Gender, and Age on COVID-19 Data in the Piedmont Region (Northwest Italy): The Virus Prefers Men. *Life (Basel)*. 2022 Apr 26;12(5):643. doi:10.3390/life12050643. PMID: 35629311.

IF: 3.253 Q2

9. Montarolo F, Martire S, Chiara F, **Allegra S**, De Francia S, Hoxha E, Tempia F, Capobianco MA, Bertolotto A. NURR1-deficient mice have age- and sex-specific behavioral phenotypes. *J Neurosci Res*. 2022 May 20. doi: 10.1002/jnr.25067. PMID: 35593070.

IF: 4.433 Q2

10. De Francia S, Berchiolla P, Armando T, Storto S, **Allegra S**, Sciannameo V, Soave G, Sprio AE, Racca S, Caiaffa MR, Ciuffreda L, Mussa MV. "Colorectal cancer chemotherapy: can sex-specific disparities impact on drug toxicities?" *Eur J Clin Pharmacol*. 2022 Feb 22. doi: 10.1007/s00228-022-03298-y.

IF: 3.064 Q2

11. De Francia S., Mancardi D., Berchiolla P., Armando T., Storto S., **Allegra S.**, Soave G., Racca S., Chiara F., Carnovale J., Ciuffreda L., Mussa MV. "Gender-specific side effects of chemotherapy in pancreatic cancer patients" *Canadian Journal of Physiology and Pharmacology*, 21 October 2021. <https://doi.org/10.1139/cjpp-2021-0622>.

IF: 2.245 Q3

12. Piolatto A, Berchiolla P, **Allegra S**, De Francia S, Battista Ferrero G, Piga A, Longo F. "Pharmacological and clinical evaluation of deferasirox formulations for treatment tailoring" *Scientific Reports*. 2021, 11(1), 12581.

IF: 4.997 Q1

13. **Allegra S**, Puglisi S, Brescia I, Chiara F, Basile V, Calabrese A, Reimondo G, De Francia S. Sex Differences on Mitotane Concentration and Treatment Outcome in Patients with Adrenocortical Carcinoma. *Life (Basel)*. 2021 Mar 23;11(3):266. doi: 10.3390/life11030266. PMID: 33807024; PMCID: PMC8004922.

IF: 3.253 Q2

14. **Allegra S**, De Francia S, De Nicolò A, Cusato J, Avataneo V, Manca A, Antonucci M, D'Avolio A. Effect of age and gender on voriconazole trough concentrations in adult patients. *Eur J Drug Metab Pharmacokinet*. 2020 Jun;45(3):405-412. doi: 10.1007/s13318-019-00603-6. PMID: 31965530

IF: 2.569 Q3

15. Montarolo F, Martire S, Perga S, Spadaro M, Brescia I, **Allegra S**, De Francia S, Bertolotto A. NURR1 deficiency is associated to ADHD-like phenotypes in mice. *Transl Psychiatry*. 2019 Aug 27;9(1):207. doi: 10.1038/s41398-019-0544-0. PMID: 31455763.

IF: 7.989 Q1

16. Renne SL*, Woo HY*, **Allegra S***, Rudini N, Yano H, Donadon M, Viganò L, Akiba J, Lee HS, Rhee H, Park YN, Roncalli M, Di Tommaso L. Vessels Encapsulating Tumor Clusters (VETC) Is a Powerful Predictor of Aggressive Hepatocellular Carcinoma. *Hepatology*. 2019 Jun 17. doi: 10.1002/hep.30814. PMID: 31206715.

IF: 14.971 Q1 *co-first authors

17. **Allegra S**, Di Paolo A, Cusato J, Fatiguso G, Arrigoni E, Danesi R, Corcione S, D'Avolio A. Different Underlying Mechanism Might Explain the Absence of a Significant Difference in Area Under the Concentration-Time Curve of Linezolid for Different ABCB1 Genotypes. *Ther Drug Monit*. 2019 Apr;41(2):254-255. doi: 10.1097/FTD.0000000000000596. PMID: 30883522.

IF: 2.047 Q2

18. **Allegra S**, Cusato J, De Francia S, Longo F, Pirro E, Massano D, Avataneo V, De Nicolò A, Piga A, D'Avolio A. The effect of vitamin D pathway genes and deferasirox pharmacogenetics on liver iron in thalassaemia major patients. *Pharmacogenomics J*. 2019 Jan 17. doi: 10.1038/s41397-019-0071-7. PMID: 30651574.

IF: 3.503 Q1

19. **Allegra S**, Cardellino CS, Fatiguso G, Cusato J, De Nicolò A, Avataneo V, Bonora S, D'Avolio A, Di Perri G, Calcagno A. Effect of ABCC2 and ABCG2 Gene Polymorphisms and CSF-to-Serum Albumin Ratio on Ceftriaxone Plasma and Cerebrospinal Fluid Concentrations. *J Clin Pharmacol*. 2018 Dec;58(12):1550-1556. doi: 10.1002/jcph.1266. PMID: 29873816.

IF: 2.915 Q1

20. **Allegra S**, Di Paolo A, Cusato J, Fatiguso G, Arrigoni E, Danesi R, Corcione S, D'Avolio A. A Common *mdr1* Gene Polymorphism is Associated With Changes in Linezolid Clearance. *Ther Drug Monit.* 2018 Oct;40(5):602-609. doi: 10.1097/FTD.0000000000000536. PMID: 29979333.

IF: 2.047 Q2

21. **Allegra S**, Cusato J, De Francia S, Longo F, Pirro E, Massano D, Avataneo V, De Nicolò A, Piga A, D'Avolio A. Role of *CYP1A1*, *ABCG2*, *CYP24A1* and *VDR* gene polymorphisms on the evaluation of cardiac iron overload in thalassaemia patients. *Pharmacogenet Genomics.* 2018 Sep;28(9):199-206. doi: 10.1097/FPC.0000000000000348. PMID: 30179981.

IF: 2.693 Q2

22. **Allegra S**, Fatiguso G, Francia S, Pirro E, Carcieri C, Cusato J, Nicolò A, Avataneo V, Perri GD, D'Avolio A. Pharmacogenetic of voriconazole antifungal agent in pediatric patients. *Pharmacogenomics.* 2018 Jul 1;19(11):913-925. doi: 10.2217/pgs-2017-0173. PMID: 29914286.

IF: 2.265 Q2

23. **Allegra S**, Cusato J, De Francia S, Arduino A, Longo F, Pirro E, Massano D, De Nicolò A, Piga A, D'Avolio A. Role of *CYP24A1*, *VDR* and *GC* gene polymorphisms on deferasirox pharmacokinetics and clinical outcomes. *Pharmacogenomics J.* 2018 May 22;18(3):506-515. doi: 10.1038/tj.2017.43.

PMID: 29160302.

IF: 3.503 Q1

24. **Allegra S**, Massano D, De Francia S, Longo F, Piccione F, Pirro E, Cusato J, D'Avolio A, Piga A. Clinical relevance of deferasirox trough levels in β -thalassaemia patients. *Clin Exp Pharmacol Physiol.* 2018 Feb;45(2):213-216. doi: 10.1111/1440-1681.12879. PMID: 29205450.

IF: 2.336 Q2

25. De Nicolò A, Boglione L, Cusato J, Fatiguso G, Favata F, **Allegra S**, Cariti G, Di Perri G, D'Avolio A. Correlation between entecavir penetration in peripheral blood mononuclear cells and HBV DNA decay during treatment of HBeAg-negative chronic hepatitis B. *Antivir Ther.* 2018;23(4):373-377. doi: 10.3851/IMP3207. PMID: 29168696.

IF: 2.305 Q2

26. **Allegra S**, Fatiguso G, De Francia S, Favata F, Pirro E, Carcieri C, De Nicolò A, Cusato J, Di Perri G, D'Avolio A. Therapeutic drug monitoring of voriconazole for treatment and prophylaxis of invasive fungal infection in children. *Br J Clin Pharmacol.* 2018 Jan;84(1):197-203. doi: 10.1111/bcp.13401. PMID: 28805964

IF: 3.867 Q1

27. Avataneo V, De Nicolò A, Rabbia F, Sciandra M, Tosello F, Cusato J, Perlo E, Fatiguso G, **Allegra S**, Favata F, Mulatero P, Veglio F, Di Perri G, D'Avolio A. A simple UHPLC-PDA method with a fast dilute-and-shot sample preparation for the quantification of canrenone and its prodrug spironolactone in human urine samples. *J Pharmacol Toxicol Methods.* 2018 Nov - Dec;94(Pt 2):29-35. doi: 10.1016/j.vascn.2018.08.003. PMID: 30165207.

IF: 2.679 Q2

28. **Allegra S**, Cusato J, De Francia S, Longo F, Pirro E, Massano D, Piga A, D'Avolio A. Effect of pharmacogenetic markers of vitamin D pathway on deferasirox pharmacokinetics in children. *Pharmacogenet Genomics.* 2018 Jan;28(1):17-22. doi:10.1097/FPC.0000000000000315. PMID: 29099735.

IF: 2.693 Q2

29. Cusato J*, **Allegra S***, Nicolò A, Calcagno A, D'Avolio A. Precision medicine for HIV: where are we? *Pharmacogenomics.* 2018 Jan;19(2):145-165. doi: 10.2217/pgs-2017-0123. Review. PMID: 29202676.

IF: 2.265 Q2 *co-first authors

30. **Allegra S**, Fatiguso G, De Francia S, Favata F, Pirro E, Carcieri C, De Nicolò A, Cusato J, Di Perri G, D'Avolio A. Evaluation of Posaconazole Pharmacokinetics in Adult Patients with Invasive Fungal Infection. *Biomedicines.* 2017 Nov 20;5(4). pii: E66. doi: 10.3390/biomedicines5040066. PMID: 29156624

IF: none Q4

31. **Allegra S**, Fatiguso G, De Francia S, Favata F, Pirro E, Carcieri C, De Nicolò A, Cusato J, Di Perri G, D'Avolio A. Pharmacokinetic evaluation of oral itraconazole for antifungal prophylaxis in children. *Clin Exp Pharmacol Physiol.* 2017 Nov;44(11):1083-1088. doi: 10.1111/1440-1681.12822. PMID: 28744925.

IF: 2.092 Q2

32. Cusato J, De Francia S, **Allegra S**, Carrella S, Pirro E, Piccione FM, De Martino F, Ferrero A, Daffara FC, Terzolo M, Berruti A, Di Carlo F, Tampellini M, D'Avolio A. Circannual variation of mitotane and its metabolites plasma levels in patients with adrenocortical carcinoma. *J Pharm Pharmacol.* 2017 Nov;69(11):1524-1530. doi: 10.1111/jphp.12798. PMID: 28809444.

IF: 2.309 Q2

33. Corcione S, D'Avolio A, **Allegra S**, Fanelli V, Urbino R, Ranieri MV, Di Perri G, De Rosa FG. Pharmacokinetics of linezolid in critically ill patients: impact of continuous venovenous haemofiltration. *Int J Antimicrob Agents*. 2017 Jun;49(6):784-785. doi: 10.1016/j.ijantimicag.2017.04.002. PMID: 28412274.

IF: 4.253 Q1

34. **Allegra S**, Fatiguso G, Calcagno A, Baietto L, Motta I, Favata F, Cusato J, Bonora S, Di Perri G, D'Avolio A. Role of vitamin D pathway gene polymorphisms on rifampicin plasma and intracellular pharmacokinetics. *Pharmacogenomics*. 2017 Jun;18(9):865-880. doi: 10.2217/pgs-2017-0176. PMID: 28594304.

IF: 2.302 Q2

35. **Allegra S**, Cusato J, De Francia S, Pirro E, Massano D, Piga A, D'Avolio A. Deferasirox pharmacokinetic evaluation in β -thalassaemia paediatric patients. *J Pharm Pharmacol*. 2017 May;69(5):525-528. doi: 10.1111/jphp.12559. PMID: 27230486.

IF: 2.309 Q2

36. **Allegra S**, De Francia S, Cusato J, Arduino A, Massano D, Longo F, Piga A, D'Avolio A. Deferasirox pharmacogenetic influence on pharmacokinetic, efficacy and toxicity in a cohort of pediatric patients. *Pharmacogenomics*. 2017 Apr;18(6):539-554. doi: 10.2217/pgs-2016-0176. PMID: 28346059.

IF: 2.302 Q2

37. **Allegra S**, Fatiguso G, Baietto L, Corcione S, Favata F, Ariaudo A, Pagani N, Ranieri VM, De Rosa FG, Di Perri G, D'Avolio A. Pharmacogenomic influence on sepsis outcome in critically ill patients. *Infez Med*. 2017 Mar 1;25(1):45-49. PMID: 28353455.

IF: none Q none

38. **Allegra S**, De Francia S, Longo F, Massano D, Cusato J, Arduino A, Pirro E, Piga A, D'Avolio A. Deferasirox pharmacokinetics evaluation in a woman with hereditary haemochromatosis and heterozygous β -thalassaemia. *Biomed Pharmacother*. 2016 Dec; 84:1510-1512. doi: 10.1016/j.biopha.2016.11.041. PMID: 27881236.

IF: 2.759 Q2

39. **Allegra S**, De Francia S, Cusato J, Pirro E, Massano D, Piga A, D'Avolio A. Deferasirox pharmacokinetic and toxicity correlation in β -thalassaemia major treatment. *J Pharm Pharmacol*. 2016 Nov;68(11):1417-1421. doi: 10.1111/jphp.12638. PMID: 27672004.

IF: 2.405 Q3

40. **Allegra S**, Cusato J, De Francia S, Massano D, Piga A, D'Avolio A. Deferasirox AUC efficacy cutoff and role of pharmacogenetics. *Eur J Clin Pharmacol*. 2016 Sep;72(9):1155-7. doi: 10.1007/s00228-016-2070-9. PMID: 27193993.

IF: 2.902 Q2

41. D'Avolio A, Cusato J, De Nicolò A, **Allegra S**, Di Perri G. Pharmacogenetics of ribavirin-induced anemia in HCV patients. *Pharmacogenomics*. 2016 Jun;17(8):925-41. doi: 10.2217/pgs.16.22. Review. PMID: 27248282.

IF: 2.35 Q3

42. Cusato J*, **Allegra S***, De Francia S, Massano D, Piga A, D'Avolio A. Role of pharmacogenetics on deferasirox AUC and efficacy. *Pharmacogenomics*. 2016 Apr;17(6):561-72. doi: 10.2217/pgs-2015-0001. PMID: 27043265.

IF: 2.35 Q3 *co-first authors

43. Cusato J, Tomasello C, Simiele M, Calcagno A, Bonora S, Marinaro L, Leggieri A, **Allegra S**, Di Perri G, D'Avolio A. Efavirenz pharmacogenetics in a cohort of Italian patients. *Int J Antimicrob Agents*. 2016 Feb;47(2):117-23. doi: 10.1016/j.ijantimicag.2015.11.012. PMID: 26774523

IF: 4.033 Q1

44. Fatiguso G*, **Allegra S***, Calcagno A, Baietto L, Motta I, Favata F, Cusato J, Bonora S, Perri GD, D'Avolio A. Ethambutol plasma and intracellular pharmacokinetics: A pharmacogenetic study. *Int J Pharm*. 2016 Jan 30;497(1-2):287-92. doi: 10.1016/j.ijpharm.2015.11.044. PMID: 26642947.

IF: 3.649 Q4 *co-first authors

45. De Nicolò A, Abdi AM, Boglione L, Baiett L, **Allegra S**, Di Perri G, D'Avolio A. UPLC-MS/MS method with automated on-line SPE for the isomer-specific quantification of the first-generation anti-HCV protease inhibitors in peripheral blood mononuclear cells. *J Pharm Biomed Anal*. 2015 Nov 10;115:443-9. doi: 10.1016/j.jpba.2015.08.004. PMID: 26291788.

IF: 2.880 Q1

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Congress oral presentations:

1. Chiara F., Mula J., **Allegra S.**, Liuzzi S., Puccinelli M.P., Mengozzi G., De Gobbi M., De Francia S. **A novel UHPLC-MS/MS approach to investigate thio-metabolome role as potential prognostic and/or diagnostic biomarker in GvHD**. Massa 2023, Torino, Italy, 28-30 June 2023
2. **Allegra S.**, Chiara I., Itri F., De Francia, S. **Spe and HPLC-UV method for the quantification of venetoclax in human plasma**. 95th National Congress of the Italian Society for Experimental Biology, Trieste, Italy, 12-15 April 2023
3. **Allegra, S.** “**Gender differences in toxicology: what possible applications?**” 21° Congresso Nazionale Società Italiana di Tossicologia Bologna, 20-22 February 2023
4. **S. Allegra**, F. Chiara, E. Arrigo, S. De Francia, D. Mancardi. “**New standardised procedure to extract glyphosate and aminomethylphosphonic acid (ampa) from organic and inorganic matrices: toward a practical kit for hplc-uv detection**”. 94th National Congress of the Italian Society for Experimental Biology, Torino, Italy, 6-9 April 2022. Atti del congresso su Journal of biological Research, Volume 95/Supplement 1 – 2022 pag 22.
5. F. Chiara, **S. Allegra**, F. Montarolo, S. De Francia. “**A convenient method for extraction and analysis with high-pressure liquid chromatography of catecholamine neurotransmitters in plasma and brain samples of mice**”. 94th National Congress of the Italian Society for Experimental Biology, Torino, Italy, 6-9 April 2022. Atti del congresso su Journal of biological Research, Volume 95/Supplement 1 – 2022 pag 36.
6. S. De Francia, A. Ferretti, F. Chiara, **S. Allegra**, D. Mancardi, T. Alice, M.G. Milia, G. Gregori, C. Avanzini, V. Ghisetti, A. Durio. “**Gender analysis on COVID-19 data in piemonte: the virus prefers men**”. 94th National Congress of the Italian Society for Experimental Biology, Torino, Italy, 6-9 April 2022. Atti del congresso su Journal of biological Research, Volume 95/Supplement 1 – 2022 pag 20.
7. **S. Allegra**, F. Chiara, F. Montarolo, S. De Francia. “**A convenient method for extraction and analysis with High-Pressure Liquid Chromatography of catecholamine neurotransmitters in plasma and brain samples of mice**”. Giornata del Dipartimento DSCB, 17 settembre 2021. <https://www.dscb.unito.it/do/avvisi.pl/Show?id=mlwe>
8. **S. Allegra**, S. Puglisi, I. Brescia, F. Chiara, V. Basile, A. Calabrese, G. Reimondo, S. De Francia. “**Sex differences on mitotane concentration and treatment outcome in patients with adrenocortical carcinoma**”. 40° Congresso Nazionale della Società Italiana di Farmacologia, Il valore scientifico e l’uso appropriato del farmaco, 19-13 Marzo 2021, Piattaforma virtuale.
9. F. Chiara, **S. Allegra**, I. Brescia, E. Arrigo, S. De Francia. “**Effect of seasons on four anti-epileptic drugs plasma levels**”. 40° Congresso Nazionale della Società Italiana di Farmacologia, Il valore scientifico e l’uso appropriato del farmaco, 19-13 Marzo 2021, Piattaforma virtuale.
10. S. De Francia, A. Ferretti, F. Chiara, **S. Allegra**, T. Alice, M.G. Milia, G. Gregori, C. Avanzini, V. Ghisetti, A. Durio. “**Gender analysis on COVID-19 data in Piemonte: the virus prefers men**”. Simposio “Gender pharmacology and SARS-CoV-2: a call for action” del 40° Congresso Nazionale della Società Italiana di Farmacologia, Il valore scientifico e l’uso appropriato del farmaco, 9-13 Marzo 2021, Piattaforma virtuale. Proceedings. Pharmadvances Volume 3, issue 1, 2021 doi:10.36118/pharmadvances.03.2021.02 Pag 322
11. **S. Allegra**, S. De Francia, A. E. Sprio, M. De Gobbi, A. Piga, A. De Nicolò, M. Antonucci, A. D’Avolio, S. Racca. “**Gender differences in five different drug pharmacokinetics**”. 39° Congresso Nazionale della Società Italiana di Farmacologia, Palazzo dei Congressi di Firenze, 19-23 Novembre 2019
12. J. Cusato, M. Antonucci, **S. Allegra**, S. De Francia, A. Cavallaro, A. De Nicolò, G. Di Perri, A. D’Avolio. “**Vitamin D genetics and voriconazole plasma exposure: study on predictors of efficacy and toxicity cut-off values**”. 39° Congresso Nazionale della Società Italiana di Farmacologia, Palazzo dei Congressi di Firenze, 19-23 Novembre 2019.
13. Silvia De Francia, Paola Berchiolla, Maria Rosaria Caiaffa, Jannifer Carnovale, **Sarah Allegra**, Andrea Elio Sprio, Silvia Racca, Silvana Storto, Maria Valentina Mussa. **Two retrospective studies on gender differences: chemotherapy toxicities in patients affected by colorectal and pancreatic cancers**. SIF 2019, Firenze 20 - 23 novembre 2019
14. **Sarah Allegra**, Jessica Cusato, Silvia De Francia, Arianna Arduino, Filomena Longo, Davide Massano, Antonio Piga and Antonio D’Avolio. **Impact of pharmacogenetic markers of vitamin D pathway on deferasirox pharmacokinetics in children**. SIF, Rimini 20-22/09/2016
15. **Sarah Allegra**, Silvia De Francia, Jessica Cusato, Arianna Arduino, Elisa Pirro, Davide Massano, Filomena Longo, Antonio Piga and Antonio D’Avolio. **Role of CYP24A1, VDR and GC gene polymorphisms on deferasirox pharmacokinetics and clinical outcomes**. Monotematico SIF “Il ruolo della Farmacologia Clinica in Italia: prospettive future nell’ambito del SSN”, Napoli 15-16 Dicembre, 2016 come **Relatore invitato**

16. Silvia De Francia, **Sarah Allegra**, Antonio D'Avolio, Jessica Cusato, Davide Massano, Elisa Pirro, Silvia Racca, Giuseppe Poli. **Influence of single nucleotide polymorphisms on deferasirox C trough levels and effectiveness: study on beta-thalassemia major affected patients.** SIF Napoli, Italy, 2-3 ottobre 2014

Congress poster presentations:

1. **Allegra, S.**; Di Nino, A.; Armando T.; Storto, S.; Chiara, F.; De Francia, S.; Mussa, M.V. **Use of acupuncture in cancer patients undergoing chemotherapy, immunotherapy, and radiation therapy.** 1° Congresso intersocietà sui prodotti vegetali per la salute: Il ruolo delle piante medicinali nella medicina moderna. Padova, 15-17 Giugno 2023
2. Gaspari, M.; Bettonte, G.; Di Grazia, D.; **Allegra, S.**; Armando, T.; Storto, S.; Chiara, F.; De Francia, S.; Mussa, M.V. **Phytotherapy use to treat chemotherapy-related side effects in lung cancer patients.** 1° Congresso intersocietà sui prodotti vegetali per la salute: Il ruolo delle piante medicinali nella medicina moderna. Padova, 15-17 Giugno 2023
3. Di Grazia, D.; Giacchi, D.; Gaspari, M.; **Allegra, S.**; Armando, T.; Storto, S.; Chiara, F.; De Francia, S.; Mussa, M.V. **Use of phytotherapics and nutraceuticals in colorectal cancer patients undergoing chemotherapy.** 1° Congresso intersocietà sui prodotti vegetali per la salute: Il ruolo delle piante medicinali nella medicina moderna. Padova, 15-17 Giugno 2023
4. **Allegra, S.**; Puglisi, S.; Borin, C.; Chiara, F.; Basile, V.; Calabrese, A.; Reimondo, G.; De Francia, S. **“Gender-based evaluation of the effect of mitotane on total cholesterol, HDL, LDL and triglycerides levels in patients with adrenocortical carcinoma”.** 41° Congresso Nazionale della Società Italiana di Farmacologia, Il valore scientifico e l'uso appropriato del farmaco, 16-19 Novembre 2022
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6. **S. Allegra, S.** Puglisi, C. Borin, F. Chiara, V. Basile, G. Reimondo, S. De Francia. **Gender-based evaluation of the effect of mitotane on total cholesterol, HDL, LDL and triglycerides levels in patients with adrenocortical carcinoma.** 10th International Congress of gender Medicine, Padua, Italy, 16-17 September 2022.
7. De Francia S, Ferretti A, Chiara F, **Allegra S**, Mancardi D, Alice TG, Milia MG, Gregori G, Burdino E, Avanzini C, Ghisetti V, Durio A. **“The Influence of sex, gender, and age on COVID-19 data in the Piedmont Region (Northwest Italy): the virus prefers men”.** 10th International Congress of gender Medicine, Padua, Italy, 16-17 September 2022.
8. F. Chiara, **S. Allegra, S.** De Francia, M.P. Puccinelli, G. Mengozzi. **“Mass Spectrometry approach to quantifying orotic acid and its metabolites in urine”.** Giornata del Dipartimento DSCB, 17 settembre 2021. https://www.dscb.unito.it/do/avvisi.pl/Show?_id=mlwe
9. **S. Allegra, F.** Chiara, F. Montarolo, S. De Francia. **“A convenient method for extraction and analysis with High-Pressure Liquid Chromatography of catecholamine neurotransmitters in plasma and brain samples of mice”.** Giornata del Dipartimento DSCB, 17 settembre 2021. https://www.dscb.unito.it/do/avvisi.pl/Show?_id=mlwe
10. S. De Francia, P. Berchiolla, T. Armando, S. Racca, **S. Allegra, A.E.** Sprio, S. Storto, L. Ciuffreda, M.V. Mussa. **“Two retrospective studies on gender differences: chemotherapy toxicities in patients affected by colorectal and pancreatic cancers”** - 8th Annual Congress of the European Society for Translational Medicine (EUSTM-2021) 20-26 September, 2021 (Virtual Congress) by European Society for Translational Medicine (heysummit.com).
11. S. De Francia, A. Ferretti, D. Mancardi, F. Chiara, **S. Allegra, T.** Alice, M.G. Millia, G. Gregori, C. Avanzini, V. Ghisetti, A. Durio. **“Analisi di sesso e genere sui dati COVID-19 in Piemonte: il virus preferisce gli uomini”.** V Congresso nazionale ONDA, Cronicità e differenze di genere, 28-29 settembre 2021.
12. **S. Allegra, S.** Puglisi, I. Brescia, F. Chiara, V. Basile, A. Calabrese, G. Reimondo, S. De Francia. **“Livelli circolanti di mitotane su pazienti affetti da carcinoma corticosurrenalico: differenze fra popolazione maschile e femminile”.** V Congresso nazionale ONDA, Cronicità e differenze di genere, 28-29 settembre 2021.
13. F. Chiara, **S. Allegra, S.** De Francia, M.P. Puccinelli, G. Mengozzi. **“Impiego della spettrometria di massa per quantificare acido orotico e metaboliti in plasma ed urine di pazienti: un possibile risvolto in ambito di ulteriori differenze biologiche e metaboliche fra uomini e donne?”.** V Congresso nazionale ONDA, Cronicità e differenze di genere, 28-29 settembre 2021.

14. S. De Francia, F. Chiara, **S. Allegra**, F. Montarolo. **“A convenient method for extraction and analysis with High-Pressure Liquid Chromatography of catecholamine neurotransmitter”**. 53° Congresso Nazionale SIBIOC – Medicina di Laboratorio, virtual edition 11-13 ottobre 2021.
15. F. Chiara, **S. Allegra**, S. De Francia, M.P. Puccinelli, G. Mengozzi. **“Mass Spectrometry approach to quantifying orotic acid and its metabolites in urine and plasma”**. 53° Congresso Nazionale SIBIOC – Medicina di Laboratorio, virtual edition 11-13 ottobre 2021.
16. **S. Allegra**, F. Chiara, F. Itri, S. De Francia. **“SPE and HPLC-UV method for the quantification of venetoclax in human plasma”**. 53° Congresso Nazionale SIBIOC – Medicina di Laboratorio, virtual edition 11-13 ottobre 2021.
17. S. De Francia, A. Ferretti, F. Chiara, **S. Allegra**, T. Alice, M.G. Milia, G. Gregori, C. Avanzini, V. Ghisetti, A. Durio. **“Gender analysis on COVID-19 data in Piemonte: the virus prefers men”**. Simposio “Gender pharmacology and SARS-CoV-2: a call for action” del 40° Congresso Nazionale della Società Italiana di Farmacologia, Il valore scientifico e l’uso appropriato del farmaco, 9-13 Marzo 2021, Piattaforma virtuale.
18. F. Chiara, **S. Allegra**, S. De Francia, M.P. Puccinelli, G. Mengozzi. **“Development and validation of an HPLC method for orotic acid and orotidine 5’-monophosphate detection in human plasma and urine”**. 40° Congresso Nazionale della Società Italiana di Farmacologia, Il valore scientifico e l’uso appropriato del farmaco, 9-13 Marzo 2021, Piattaforma virtuale.
19. S. De Francia, A. Ferretti, F. Chiara, **S. Allegra**, D. Mancardi, T. Alice, M.G. Milia, G. Gregori, C. Avanzini, V. Ghisetti, A. Durio. **“Gender analysis on COVID-19 data in Piemonte: the virus prefers men”**. VIII STS Italian Conference, “Dis/entangling technoscience: vulnerability, responsibility and justice” june 17-19 2021 track N. 34 “How to Protect Communities from Sars CoV-2 through Co-production of Health and the Design of Commons-Based Ecosystems by Adopting Distributed Ledger Technologies?”. Piattaforma virtuale.
20. Andrea Piolatto, Carmen Gaglioti, Filomena Longo, Silvia De Francia, **Sarah Allegra**, Paola Berchiolla and Antonio Piga. **Pharmacokinetics (PK), pharmacodynamics (PD) and safety comparison of deferasirox formulations for treatment tailoring**. ASH 2019, Orlando (FL) 7-10 dicembre 2019
21. Silvia De Francia, Paola Berchiolla, Maria Rosaria Caiaffa, Jannifer Carnovale, **Sarah Allegra**, Andrea Elio Sprio, Silvia Racca, Silvana Storto, Maria Valentina Mussa. **Two retrospective studies on gender differences: chemotherapy toxicities in patients affected by colorectal and pancreatic cancers**. SIF 2019, Firenze 20 - 23 novembre 2019
22. Francesca Turco, Andrea Elio Sprio, Ilenia Bertaggia, Tiziana Armando, Silvana Storto, **Sarah Allegra**, Silvia De Francia, Maria Valentina Mussa. **Herb and spice mediated interactions in oncologic patients treated with chemotherapy**. SIF 2019, Firenze 20 - 23 novembre 2019
23. Jessica Cusato, Miriam Antonucci, Sarah Allegra, Silvia De Francia, Arianna Cavallaro, Amedeo De Nicolò, Giovanni Di Perri and Antonio D’Avolio. **Vitamin D genetics and voriconazole plasma exposure: study on predictors of efficacy and toxicity cut-off values**. SIF 2019, Firenze 20 - 23 novembre 2019
24. **Allegra S.**, Fatiguso G., De Francia S., Arduino A., Favata F., De Rosa F.G., Di Perri G., D’Avolio A. **Impact of pharmacogenetic on voriconazole plasma concentration in patients with invasive fungal disease**. ESHG, Copenhagen, 27-30/5/2017
25. **S. Allegra**, A. Di Paolo, J. Cusato, G. Fatiguso, F. Favata, A. De Nicolò, V. Avataneo, R. Danesi, G. Di Perri, A. D’Avolio
A common abcb1 gene polymorphism is associated with changes in linezolid clearance
SIBioC 2017 - Firenze, 16-18 ottobre 2017
26. **Sarah Allegra**, Jessica Cusato, Andrea Calcagno, Letizia Marinaro, Serena Battisti, Stefano Bonora, Giovanni Di Perri, Antonio D’Avolio.
Pharmacogenetics prediction of lipid toxicity in HIV-patients treated with efavirenz.
SIGU, Napoli 15 al 18 Novembre 2017
27. Fatiguso G, **Allegra S**, Arduino A, Favata F, Cusato J, De Rosa FG, Di Perri G, D’Avolio A.
Pharmacogenetics of posaconazole: effect of single nucleotide polymorphisms on plasma exposure.
SIGU XIX. Torino, 23-26/11/2016
28. **Sarah Allegra**, Jessica Cusato, Silvia De Francia, Arianna Arduino, Filomena Longo, Davide Massano, Elisa Pirro, Antonio Piga, Antonio D’Avolio.
Impact of pharmacogenetic markers of vitamin d pathway on liver stiffness in β -thalassemia major patients.
SIGU, Torino 23-26 Novembre 2016

29. Jessica Cusato, Vittoria Basile, Silvia De Francia, Amedeo De Nicolò, **Sarah Allegra**, Massimo Terzolo, Antonio D'Avolio.

Vitamin d genetic polymorphisms role in patients treated with mitotane

SIGU, Torino 23-26 Novembre 2016

30. **Sarah Allegra**, Giovanna Fatiguso, Arduino Arduino, Fabio Favata, Jessica Cusato, Francesco Giuseppe De Rosa, Giovanni Di Perri, Antonio D'Avolio.

Pharmacogenetics of posaconazole: effect of single nucleotide polymorphisms on plasma exposure.

SIBIOC. Torino, 18-20/10/2016

31. Cusato J, **Allegra S**, Calcagno A, Arduino A, Marinaro L, Battisti S, Bonora S, Di Perri G, D'Avolio A.

A possible role of pharmacogenetics in lipid toxicity prediction in patients treated with lopinavir.

ICAR, MILANO, 6-8 giugno 2016

32. **Sarah Allegra**, Giovanna Fatiguso, Lorena Baietto, Iliaria Motta, Fabio Favata, Jessica Cusato, Andrea Calcagno, Stefano Bonora, Giovanni Di Perri, Antonio D'Avolio.

Pharmacogenetics of rifampicin: effect of single nucleotide polymorphisms on plasma and intra-PBMC exposure.

26th ECCMID, Amsterdam 09-12 April, 2016

33. **Sarah Allegra**, Jessica Cusato, Lorena Baietto, Giovanna Fatiguso, Alessandra Ariaudo, Silvia Corcione, Giovanni Di Perri, Francesco Giuseppe De Rosa, Antonio D'Avolio.

Effect of renal transporter genetic polymorphisms on linezolid pharmacokinetic.

SIF, Napoli 27-30 Ottobre, 2015.

34. Amedeo De Nicolò, Jessica Cusato, Lucio Boglione, Chiara Simona Cardellino, **Sarah Allegra**, Gabriele Bonifacio, Giuseppe Cariti, Giovanni Di Perri and Antonio D'Avolio.

Evaluation of entecavir plasma pharmacokinetics, intracellular disposition and pharmacogenetics impact on response to anti-hbv treatment in a cohort of hbeag negative patients.

SBIOC, Firenze 26-28 Ottobre 2015.

35. Jessica Cusato, Amedeo De Nicolò, Lucio Boglione, Chiara Simona Cardellino, **Sarah Allegra**, Gabriele Bonifacio, Giuseppe Cariti, Giovanni Di Perri, Antonio D'Avolio.

Evaluation of intracellular and plasma pharmacokinetics, pharmacogenetics and clinical features in HBV e antigen-negative patients treated with entecavir.

SIF, Napoli 27-30/10/2015

36. Giovanna Fatiguso, **Sarah Allegra**, Lorena Baietto, Silvia Corcione, Nicole Pagani, Vito Marco Ranieri, Francesco Giuseppe De Rosa, Giovanni Di Perri, Antonio D'Avolio.

Pharmacogenomics influence of sepsis outcome in critically ill patients treated with linezolid.

SBIOC, Firenze 26-28 Ottobre 2015.

37. **Sarah Allegra**, Jessica Cusato, Silvia De Francia, Davide Massano, Antonio Piga and Antonio D'Avolio.

Role of pharmacogenetic on deferasirox AUC and efficacy.

ESHG, Glasgow 06-09 June 2015.

38. Jessica Cusato, **Sarah Allegra**, Lucio Boglione, Amedeo De Nicolò, Giuseppe Cariti, Giovanni Di Perri, Antonio D'Avolio.

VDR gene polymorphisms impact on anemia at 2 week of anti-HCV therapy: a possible mechanism for early RBV-induced anemia.

ESHG, Glasgow, 6-9/6/2015

39. Jessica Cusato, **Sarah Allegra**, Davide Massano, Silvia De Francia, Antonio Piga and Antonio D'Avolio.

Influence of single nucleotide polymorphisms on deferasirox Ctrough levels and effectiveness.

ESHG, Milan 31May-2 June 2014.

Autorizzo il trattamento dei miei dati personali ai sensi del Decreto Legislativo 30 giugno 2003, n. 196 "Codice in materia di protezione dei dati personali (facoltativo)".