

*Curriculum vitae*  
*Prof.ssa Silvia De Francia*



**Personal details**

Born in Turin, 22 October 1976.  
Nationality: Italy  
Email: [silvia.defrancia@unito.it](mailto:silvia.defrancia@unito.it)  
Website: [DE FRANCIA Silvia | Università di Torino \(unito.it\)](https://www.unito.it/de-francia-silvia)  
ORCID ID: 0000-0002-9841-7802  
Scopus ID: 25654584900  
Researcher ID: 7409352

**Educations**

**July 1995** Classical high school diploma  
**July 2002** Master's degree in Biological Sciences, Faculty of Mathematical, Physical and Natural Sciences of the University of Turin  
**February 2007** PhD in Pharmacology and Experimental and Clinical Therapy, Faculty of Medicine and Surgery of the University of Turin  
**December 2008**  
State examination for the qualification to practice the profession of Biologist, University of Turin  
**July 2014**  
Postgraduate Diploma in Clinical Biochemistry, Faculty of Medicine and Surgery, University of Turin  
**December 2014**  
Qualifying examination for venous blood sampling after Professional Training Course of the University of Turin for Biologists  
**April 2017**  
National Scientific Qualification in Pharmacology, Clinical Pharmacology and Pharmacognosy, sector 05/G1. VALID FROM 12/04/2017 TO 12/04/2026 (art. 16, paragraph 1, Law 240/10)  
**January 2021**  
Badge issuance by the University of Turin for the IRIDI didactic course  
**January 2023**  
II level Master in Health and Gender Medicine, School of Human Health Sciences, University of Florence.

**Professional experiences and current position**

**2006-2018**  
Contracts of coordinated and continuous collaboration, university scholarships, hospital assignments  
**February 2018**  
Full-time full-time Researcher (type A) SSD BIO14, Department of Clinical and Biological Sciences of the University of Turin  
**February 2020**  
Full-time researcher (type B) SSD BIO14, Department of Clinical and Biological Sciences of the University of Turin  
**February 2023 (current position)**  
Full time associate professor SSD BIO14, Department of Clinical and Biological Sciences of the University of Turin

**Participation to Directive Boards of Scientific Societies and/or Institutions**

Member of the Italian Society of Pharmacology (SIF) since 2009  
Representative of temporary staff in the Scientific Research Committee of the Academic Senate of UniTo for the three-year period 2012-2015  
Representative of Researchers in the Planning and Development Committee of the Academic Senate of UniTo for the three-year period 2018-2021  
Member of the Third Mission Commission Department of Clinical and Biological Sciences of the University of Turin since 2018  
University member of the Joint Committee Sistema Scienza Piemonte since 2019  
University delegate for the scientific committee of the Centroscienza Association since 2020  
Member of the SIF Network of Clinical Gender Pharmacology since 2020  
Member of the Mind To Move© Advisory Board since 31 March 2022  
Member of the EUSTM Advisory Board since 04 April 2022  
Member of the Editorial Board of the Interdisciplinary Center for Research and Studies on Women and Gender – CIRSDe since 26 September 2021  
Member of the Piedmont Region Technical Group representing the University of Turin D.D. 17 March 2022, n. 450  
Member of the PhD in Medicine and Experimental Therapy 2022/2023 cycle XXXVIII  
Member of the Scientific Committee of the Interdisciplinary Center for Research and Studies on Women and Gender – CIRSDe since 15 June 2022  
Member of the Management Committee of the Interdisciplinary Center for Research and Studies on Women and Gender – CIRSDe since 18 July 2022  
Member of the Department Council of Clinical and Biological Sciences since 2018  
Member of the Board of the Degree Course in Nursing Sciences since 2018  
Member of the Board of the School of Specialization in Radiotherapy since 2020  
Member of the Board of the Degree Course in Biomedical Laboratory Techniques since 2022  
Member of the Board of the Degree Course in Biotechnology since 2022  
Member of the Board of the Degree Course in Nursing and Midwifery Sciences since 2022

### **Honors**

SIF AWARD 2009 at the 34th National Congress of the Italian Society of Pharmacology  
SIF AWARD 2011 at the 35th National Congress of the Italian Society of Pharmacology  
SIF ASSOGENERICI AWARD 2014 for research in Clinical Pharmacology, including Pharmacovigilance, Pharmacoepidemiology and Pharmacogenetics

### **Teaching activity**

Complementary teaching activities at the Degree Course in Nursing of the University of Turin from 2002/2003 to 2016/2017 for the Pharmacology module  
Formal teacher for the Degree Course in Nursing of the University of Turin since 2018/2019 for the Teachings of General Clinical Nursing and Clinical Nursing in the Medical Area for the Pharmacology module  
Formal teacher for the Gender Studies Laboratory since 2019/2020 for the Pharmacology module  
Formal teacher for the Pharmacology module for the specialization school in radiotherapy since 2020/2021  
Formal teacher for Training Courses for the University of Turin, the University of Padua, the University of Milan Bicocca  
Formal teacher for the Degree Course in Biomedical Laboratory Techniques since 2022/2023 for Pharmacology module  
Formal teacher for the Degree Course in Biotechnology since 2022/2023 for Toxicology module  
Formal Teacher for the Degree Course in Nursing and Midwifery Sciences since 2022/2023 for Pharmacology module

### **Research main topics**

Clinical Pharmacology, Pharmacokinetics and Dynamics, Pharmacogenetics, Sex and Gender Pharmacology

**Bibliometry (2006-present)** ([www.scopus.com](http://www.scopus.com))

61 publications  
1304 citations  
H index 19

**Publications**

- Franco Ghezzi, Elisa Pirro, Silvia De Francia, Luigi Cesano, Barbara Mognetti, Giovanni Berta, Elena Chiarpotto, Giuseppe Poli, Francesco Di Carlo. "Salicylate counteracts streptozotocin induced diabetes mellitus in rat". 3<sup>rd</sup> European Congress of Biogerontology, Firenze e Montecatini Terme, Italia, 8 Novembre 2002, Biogerontology, vol. 3, SUPPL. 1, 2002, p.7-8. **IF 2.254.**
- Silvia De Francia, Elisa Pirro, Franco Zappia, Francesca De Martino, Andrea Elio Sprio, Fulvia Daffara, Massimo Terzolo, Alfredo Berruti, Francesco Di Carlo, Franco Ghezzi. "A new simple HPLC method for measuring mitotane and its two principal metabolites. Tests in animals and mitotane-treated patients". Journal of Chromatography B, 2006 Jun 6;837(1-2):69-75. **IF 2.647.**
- Fulvia Daffara, Silvia De Francia, Giuseppe Reimondo, Barbara Zaggia, Paola Sperone, Emiliano Arosio, Francesco Di Carlo, Alberto Angeli, Alfredo Berruti, Massimo Terzolo. "Biochemical effects of adjuvant mitotane treatment in patients with adrenocortical cancer (ACC): results of one-year follow-up". 32<sup>o</sup> Congresso Nazionale della Società Italiana di Endocrinologia, Verona, Italia, 13-16 giugno 2007, OC52. Journal of Endocrinological Investigation Vol.30, SUPPL. to N°4, 2007, p.17. **IF 2.021.**
- Giuseppe Reimondo, Silvia Bovio, Barbara Allasino, Silvia De Francia, Barbara Zaggia, Iliaria Micossi, Angela Termine, Francesca De Martino, Piero Paccotti, Francesco Di Carlo, Alberto Angeli, Massimo Terzolo. "The combined low-dose dexamethasone suppression corticotropin releasing-hormone test as a tool to rule out Cushing's syndrome". European Journal of Endocrinology, 2008 Nov;159(5):569-76. **IF 3.791.**
- Fulvia Daffara, Silvia De Francia, Giuseppe Reimondo, Barbara Zaggia, Emiliano Arosio, Francesco Porpiglia, Marco Volante, Angela Termine, Francesco Di Carlo, Luigi Dogliotti, Alberto Angeli, Alfredo Berruti, Massimo Terzolo. "Prospective evaluation of mitotane toxicity in adrenocortical cancer patients treated adjuvantly". Endocrine-Related Cancer, 2008 Dec;15(4):1043-1053. ISSN: 1351-0088. **IF 5.236.**
- Francesco Porpiglia, Cristian Fiori, Roberto Mario Scarpa, Fulvia Daffara, Silvia De Francia, Barbara Zaggia, Alberto Angeli, Alfredo Berruti, Massimo Terzolo. "The role of surgery in the management of recurrent adrenocortical carcinoma: Results of a retrospective study". European Urology, vol. Eur Urol SUPPL., 24<sup>th</sup> EAU Congress, Stockholm 17-21 March 2009; p. 740. ISSN: 1873-7560. **IF 7.667.**
- Arianna Ardito, Barbara Zaggia, Silvia De Francia, Fulvia Daffara, Silvia Bovio, Marco Volante, Alfredo Berruti, Francesco Di Carlo, Massimo Terzolo, Giuseppe Reimondo, Alberto Angeli. "Valutazione prospettica di pazienti operati radicalmente per carcinoma corticosurrenalico in trattamento con mitotane adiuvante: correlazioni tra indici di massa corporea, livelli di mitotanemia ed efficacia". Atti IV giornate cuneesi di medicina interna, XVI congresso SIMI interregionale, II giornate piemontesi dei giovani internisti, XVII congresso SIMI interregionale. Torino, 12-13 Giugno 2009. MINERVA MEDICA, vol. 100, SUPPL. 2 N 6, p. 130. **IF 0.706.**
- Silvia De Francia, Antonio D'Avolio, Francesca De Martino, Elisa Pirro, Lorena Baietto, Marco Siccardi, Marco Simiele, Silvia Racca, Giuseppe Saglio, Francesco Di Carlo, Giovanni Di Perri. "New HPLC-MS method for the simultaneous quantification in human plasma of the antileukemia drugs imatinib, dasatinib, nilotinib". Journal of Chromatography B, 2009 Jun 15;877(18-19):1721-6. **IF 2.777.**
- Andrea Dovio, Maria L Sartori, Silvia De Francia, Stefano Mussino, Paola Perotti, Laura Saba, Giuliana Abbadessa, Silvia Racca, Alberto Angeli. "Differential expression of determinants of glucocorticoid sensitivity in androgen-dependent and androgen-independent human prostate cancer cell lines". Journal of Steroid Biochemistry and Molecular Biology, 2009 Aug;116(1-2):29-36. **IF 2.655.**
- Elisa Pirro, Silvia De Francia, Francesca De Martino, Francesca Piccione, Massimo Terzolo, Luigi Dogliotti, Francesco Di Carlo. "The importance of monitoring circulating mitotane levels in the management of adrenocortical cancer patients". 11<sup>th</sup> National Congress of Medical Oncology, Milano, Italy, 10-13 october 2009, Annals of Oncology Vol.20, SUPPL. N°8, 2009, C21, p.52. **IF 5.647.**
- Marina Bonisoli, Maria Valentina Mussa, Elisa Pirro, Silvia De Francia, Marina Schena, Silvana Storto, Valerio Dimonte, Libero Ciuffreda. "Evaluation of the control of pain in patients with bone metastasis undergoing medical treatment with bisphosphonates". 11<sup>th</sup> National Congress of Medical Oncology, Milano, Italy, 10-13 october 2009, Annals of Oncology Vol.20, SUPPL. to N°8, 2009, B53, p.33. **IF 5.647.**
- Maria Valentina Mussa, Maria Bianco, Elisa Pirro, Silvia De Francia, Marina Schena, Silvana Storto, Valerio Dimonte, Libero Ciuffreda. "Evaluation of nausea and vomiting in oncology patients treated with

chemotherapy: a retrospective study". 11<sup>th</sup> National Congress of Medical Oncology, Milano, Italy, 10-13 october 2009, Annals of Oncology Vol.20, SUPPL. to N°8, 2009, B98, p.42. **IF 5.647.**

- Arianna Ardito, Barbara Zaggia, Silvia De Francia, Fulvia Daffara, Silvia Bovio, Marco Volante, Alfredo Berruti, Francesco Di Carlo, Massimo Terzolo, Giuseppe Reimondo, Alberto Angeli. "Valutazione prospettica di pazienti operati radicalmente per carcinoma corticosurrenalico in trattamento con mitotane adiuvante: correlazioni tra indici di massa corporea, livelli di mitotanemia ed efficacia". 110° congresso nazionale della Società Italiana di Medicina Interna, Roma, 24-27 ottobre, Berlin, Springer, Internal and Emergency Medicine, vol. 4 SUPPL. 2009, p.S29. **IF 2.371.**
- Arianna Ardito, Fulvia Daffara, Silvia De Francia, Barbara Zaggia, Alberto Angeli, Alfredo Berruti, Cristian Fiori, Francesco Porpiglia, Massimo Terzolo. "Efficacia del re-intervento chirurgico in pazienti con carcinoma del cortico-surrene recidivo". 110° congresso nazionale della Società Italiana di Medicina Interna, Roma, 24-27 ottobre, Berlin, Springer, Internal and Emergency Medicine, vol. 4 SUPPL. 2009, p.S113. **IF 2.371.**
- Andrea Dovio, Eliana Roveda, Chiara Sciolla, Angela Montaruli, Andrea Raffaelli, Alessandro Saba, Giovanni Calogiuri, Silvia De Francia, Paolo Borrione, Piero Salvadori, Franca Carandente, Alberto Angeli. "Intense physical exercise increases systemic 11beta-hydroxysteroid dehydrogenase type 1 activity in healthy adult subjects". European Journal of Applied Physiology, 2010 Mar; 108(4):681-7. **IF 2.214.**
- Paola Sperone, Anna Ferrero, Fulvia Daffara, Adriano Priola, Barbara Zaggia, Marco Volante, Daniele Santini, Bruno Vincenzi, Giuseppe Badalamenti, Chiara Intrivici, Sabrina Del Buono, Silvia De Francia, Emmanouil Kalomirakis, Riccardo Ratti, Alberto Angeli, Luigi Dogliotti, Mauro Papotti, Massimo Terzolo, Alfredo Berruti. "Gemcitabine plus metronomic 5-fluorouracil or capecitabine as a second/third line chemotherapy in advanced adrenocortical carcinoma. A multicenter phase II study". Endocrine-Related Cancer, 2010 Apr 21;17(2):445-53. ISSN: 1351-0088. **IF 4.432.**
- Silvia De Francia, Antonio D'Avolio, Francesca De Martino, Elisa Pirro, Francesca Maria Piccione, Silvia Racca, Francesco Di Carlo. "New hplc-mass spectrometry method for the simultaneous quantification in human plasma of the antileukemia drugs imatinib, dasatinib, and nilotinib". 16<sup>th</sup> World Congress of Basic and Clinical Pharmacology, Copenhagen, Denmark, 17-23 july 2010, Journal Compilation© 2010 Nordic Pharmacology Society. Basic and Clinical Pharmacology and Toxicology Vol.107 (Suppl. 1), P19, p. 251. DOI 10.1111/j.1742-7843.2010.00600.x **IF 2.308.**
- Silvia De Francia, Elisa Pirro, E Banaudi, C Riggi, Francesca De Martino, Francesca Maria Piccione, Francesco Di Carlo. "Therapeutic drug monitoring: hydroquinidine administration in a newborn infant with short QT syndrome. A case report". 16<sup>th</sup> World Congress of Basic and Clinical Pharmacology, Copenhagen, Denmark, 17-23 july 2010, Journal Compilation© 2010 Nordic Pharmacology Society. Basic and Clinical Pharmacology and Toxicology Vol.107 (Suppl. 1), P10, p. 251. DOI 10.1111/j.1742-7843.2010.00600.x **IF 2.308.**
- Simona Carrella, Silvia De Francia, Elisa Pirro, Francesca Maria Piccione, Francesca De Martino, Anna Ferrero, Fulvia Claudia Daffara, Massimo Terzolo, Francesco Di Carlo, Marco Tampellini. "Circannual variation of mitotane and its metabolites plasma levels in patients with adrenocortical carcinoma". 35° Congresso Nazionale della Società Italiana di Endocrinologia, Montesilvano (Chieti-Pescara), Italia, 18-21 Maggio 2011, PP143. Milano, Kurtis, Journal of Endocrinological Investigation Vol.34, SUPPL. to N°3, 2011, p.77. ISSN/ISBN 0391-4097 (print), ISSN 1720-8386 (on line). **IF 1.476**
- Elisa Pirro, Silvia De Francia, Francesca De Martino, Francesca Piccione, Alfredo Berruti, Massimo Terzolo, Francesco Di Carlo. "The importance of monitoring circulating mitotane levels in the management of adrenocortical cancer patients". 35° Congresso Nazionale della Società Italiana di Endocrinologia, Montesilvano (Chieti-Pescara), Italia, 18-21 Maggio 2011, PP141. Milano, Kurtis, Journal of Endocrinological Investigation Vol.34, SUPPL. to N°3, 2011, p.77. ISSN 0391-4097 (print), ISSN/ISBN 1720-8386 (on line). **IF 1.476**
- Antonina Germano, Maria Luisa Sartori, Silvia De Francia, Marisa Pautasso, Alfredo Berruti, Massimo Terzolo. "Sorafenib inhibits proliferation and induces apoptosis in human adrenal carcinoma cells in culture". 35° Congresso Nazionale della Società Italiana di Endocrinologia, Montesilvano (Chieti-Pescara), Italia, 18-21 Maggio 2011, PP142. Milano, Kurtis, Journal of Endocrinological Investigation Vol.34, SUPPL. to N°3, 2011, p.77. ISSN/ISBN 0391-4097 (print), ISSN 1720-8386 (on line). **IF 1.476**
- Arianna Ardito, Abir Al Ghuzian, Martin Fassnacht, Fulvia Daffara, Sophie Leboulleux, Sebastian Wortmann, Barbara Zaggia, Silvia De Francia, Marco Volante, Alfredo Berruti, Harm Haak, Bruno Allolio, Eric Baudin, Massimo Terzolo. "The impact of mitotane levels on patients outcome in an adjuvant setting". 35° Congresso Nazionale della Società Italiana di Endocrinologia, Montesilvano (Chieti-Pescara), Italia, 18-21 Maggio 2011, OC100. Milano, Kurtis, Journal of Endocrinological Investigation Vol.34, SUPPL. to N°3, 2011, p.27. ISSN/ISBN 0391-4097 (print), ISSN 1720-8386 (on line). **IF 1.476**

- Elisa Pirro, Silvia De Francia, Francesca De Martino, Carmen Fava, Stefano Ulisciani, Giovanna Rege Cambrin, Silvia Racca, Giuseppe Saglio, Francesco Di Carlo F. "A new HPLC-UV validated method for therapeutic drug monitoring of tyrosine kinase inhibitors in leukemic patients". *Journal of Chromatographic Science*, November/December 2011;49(10):753-7. **IF 1.078.**
- Elisa Pirro, Silvia De Francia, Elena Banaudi, Chiara Riggi, Francesca De Martino, Francesca Maria Piccione, Carla Giustetto, Silvia Racca, Giuseppe Agnoletti, Francesco Di Carlo. "Short QT syndrome in infancy. Therapeutic drug monitoring of hydroquinidine in a newborn infant". *Br J Clin Pharmacol*. 2011 Dec; 72 (6):982-4. doi: 10.1111/j.1365-2125.2011.04055.x. **IF 3.063.**
- Antonio D'Avolio, Marco Simiele, Silvia De Francia, Alessandra Ariaudo, Lorena Baietto, Jessica Cusato, Carmen Fava, Giuseppe Saglio, Francesco Di Carlo, Giovanni Di Perri. "HPLC-MS method for the simultaneous quantification of the antileukemia drugs imatinib, dasatinib and nilotinib in human peripheral blood mononuclear cell (PBMC)". *J Pharm Biomed Anal*. 2012 Feb 5;59:109-16. **IF 2.733.**
- Alfredo Berruti, Paola Sperone, Anna Ferrero, Antonina Germano, Arianna Ardito, Armando Priola, Silvia De Francia, Marco Volante, Fulvia Daffara, Daniele Generali, Sophie Leboulleux, Paola Perotti, Eric Baudin, Mauro Papotti, Massimo Terzolo. "Phase II study of weekly paclitaxel and sorafenib as second/third line therapy in patients with adrenocortical carcinoma". *Eur J Endocrinol*. 2012 Mar;166(3):451-8. Epub 2011 Dec 21. **IF 3.482.**
- Silvia De Francia, Arianna Ardito, Fulvia Daffara, Barbara Zaggia, Antonina Germano, Alfredo Berruti, Francesco Di Carlo F. "Mitotane treatment for adrenocortical carcinoma: an overview". *Minerva Endocrinol*. 2012 Mar;37(1):9-23. Review. **IF 1.237.**
- Silvia De Francia, Davide Massano, Francesca Maria Piccione, Elisa Pirro, Silvia Racca, Francesco Di Carlo, Antonio Piga. "A new HPLC UV validated method for therapeutic monitoring of deferasirox in thalassaemic patients". *J Chromatogr B Analyt Technol Biomed Life Sci*. 2012 Apr 15;893-894:127-33. Epub 2012 Mar 6. **IF 2.971**
- Massimo Terzolo, Arianna Ardito, Barbara Zaggia, Federica Laino, Antonina Germano, Silvia De Francia, Fulvia Daffara, Alfredo Berruti. "Management of adjuvant mitotane therapy following resection of adrenal cancer". *Endocrine*. 2012 Jun 17, pp1-5. DOI 10.1007/s12020-012-9719-7. **IF 1.416.**
- Silvia Racca, Francesca Piccione, Angela Spaccamiglio, Vitina Maria Carriero, Silvia De Francia, Luigi Cangemi, Paola Esculapio, Mauro Papotti, Giuseppe Migliaretti, Paolo Portaleone, Francesco Di Carlo, Giuliana Abbadessa. "Effects of sub-chronic nandrolone administration on hormonal adaptive response to acute stress in rats". *Psychoneuroendocrinology*. 2012 Aug;37(8):1234-47. **IF 5.168.**
- Salvatore Aversa, Cristina Ondolo, Giuliana Abbadessa, Francesca Piccione, Vitina Carriero, Andrea Fulcheri, Angelo Lauria, Silvia De Francia, Silvia Racca. "Steroid resistance in nasal polyposis: role of glucocorticoid receptor and TGF-beta1" *Rhinology*. 2012 Dec;50(4):427-35. doi: 10.4193/Rhin. **IF 1.321.**
- Barbara Mognetti, Alessandro Barberis, Silvia Marino, Giovanni Berta, Silvia De Francia, Francesco Trotta, Roberta Cavalli. "In vitro enhancement of anticancer activity of paclitaxel by a Cremophor free cyclodextrin-based nanosponge formulation". *Journal of Inclusion Phenomena and Macrocyclic Chemistry*. 2012;74 (1-4), pp. 201-210 DOI: 10.1007/s10847-011-0101-9. **IF 1.886.**
- Marianna Caterino, Giada Muccioli Casadei, Raffaele Arvonio, Silvia De Francia, Elisa Pirro, Francesca Maria Piccione, Fabrizio Pane, Margherita Ruoppolo. "Quantification of Imatinib Plasma Levels in Patients with Chronic Myeloid Leukemia: Comparison Between HPLC-UV and LC-MS/MS". *International Journal of Peptide Research and Therapeutics*. 2013 June, vol. 19, issue 2, pp109-116. **IF 0.986.**
- Antonio D'Avolio, Silvia De Francia, Vittoria Basile, Jessica Cusato, Francesca De Martino, Elisa Pirro, Francesca Piccione, Arianna Ardito, Barbara Zaggia, Marco Volante, Giovanni Di Perri, Massimo Terzolo. "Influence of the CYP2B6 polymorphism on the pharmacokinetics of mitotane". *Pharmacogenet Genomics*. 2013 Jun;23(6):293-300.doi:10.1097/FPC.0b013e3283606cb2. **IF 3.485.**
- Massimo Terzolo, Eric Baudin, Arianna Ardito, Matthias Kroiss, Sophie Leboulleux, Fulvia Daffara, Paola Perotti, Richard Felders, Hans Devries, Barbara Zaggia, Silvia De Francia, Marco Volante, Harm Haak, Bruno Allolio, Abir Al Ghuzlan, Martin Fassnacht, Alfredo Berruti. "Mitotane levels predict the outcome of patients with adrenocortical carcinoma "Mitotane levels predict the outcome of patients with adrenocortical carcinoma treated adjuvantly following radical resection". *Eur J Endocrinol*. 2013 Jul 29;169(3):263-70. doi: 10.1530/EJE-13-0242. Print 2013 Sep. **IF 3.423.**
- Silvia De Francia, Antonio D'Avolio, Alessandra Ariaudo, Elisa Pirro, Francesca Piccione, Marco Simiele, Carmen Fava, Andrea Calcagno, Giovanni Di Perri, Giuseppe Saglio. "Plasma and Intracellular Imatinib Concentrations in Patients With Chronic Myeloid Leukemia". *Ther Drug Monit*. 2014 Jun;36(3):410-2. doi: 10.1097/FTD000000000000013. **IF 2.234.**
- Massimo Terzolo, Barbara Zaggia, Barbara Allasino, Silvia De Francia. "Practical treatment using mitotane for adrenocortical carcinoma" *Curr Opin Endocrinol Diabetes Obes*. 2014 Jun;21(3):159-65. **IF 3.99.**

- Massimo Terzolo, Silvia De Francia, Arianna Ardito, Paola Perotti, Laura Ferrari, Alfredo Berruti. "A current perspective on treatment of adrenocortical carcinoma" *Expert Opinion on Orphan Drugs*. 2014 Sep;2(9):911-921.
- Antonina Germano, Ida Rapa, Marco Volante, Silvia De Francia, Cristina Migliore, Alfredo Berruti, Mauro Papotti, Massimo Terzolo. "RRM1 modulates mitotane activity in adrenal cancer cells interfering with its metabolism". *Mol Cell Endocrinol*. 2015 Feb 5;401:105-110. doi: 10.1016/j.mce.2014.11.027. Epub 2014 Dec 9. **IF 4.219.**
- Jessica Cusato, Sarah Allegra, Davide Massano, Silvia De Francia, Antonio Piga, Antonio D'Avolio. "Influence of single-nucleotide polymorphisms on deferarisox C<sub>trough</sub> levels and effectiveness". *Pharmacogenomics J*. 2015 Jun;15(3):263-71. doi: 10.1038/tpj.2014.65. Epub 2014 Oct 28. **IF 5.513.**
- Silvia De Francia, Paolo Cardalana, Elisa Pirro, Francesca Maria Piccione, Giuliana Abbadessa, Vitina Carriero, Antonia Rotolo, Marco De Gobbi, Angelo Guerrasio, Silvia Racca and Giuseppe Reimondo. "A New HPLC Validated Method for Therapeutic Monitoring Of Triazoles in Human Plasma: First Results in Leukaemic Patients". *Clin Exp Pharmacol* 2015, Sept 23; 5:5 <http://dx.doi.org/10.4172/2161-1459.1000189>.
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- Sarah Allegra, Jessica Cusato, Silvia De Francia, Davide Massano, Antonio Piga, Antonio D'Avolio. "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. Epub 2016 May 18. No abstract available. **IF 2.966.**
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- Sarah Allegra, Silvia De Francia, Filomena Longo, Davide Massano, Jessica Cusato, Arduino Arianna, Elisa Pirro, Antonio Piga, Antonio D'Avolio. "Deferasirox pharmacokinetics evaluation in a woman with hereditary haemochromatosis and heterozygous  $\beta$ -thalassaemia". *Biomed Pharmacother*. 2016 Dec;84:1510-1512. doi: 10.1016/j.biopha.2016.11.041. Epub 2016 Nov 20. **IF 4.545.**
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- Barbara Pergolizzi, Vitina Carriero, Giuliana Abbadessa, Claudia Penna, Paola Berchiolla, Silvia De Francia, Enrico Bracco, Silvia Racca. "Subchronic nandrolone administration reduces cardiac oxidative markers during restraint stress by modulating protein expression patterns". *Mol Cell Biochem*. 2017 Apr 21. doi: 10.1007/s11010-017-3036-7. [Epub ahead of print]. **IF 2.057.**
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### **University Patents**



- **“Procedimento cromatografico di dosaggio di DDT, DDD, DDA e DDE”**. Inventori: Ghezzi Franco, Di Carlo Francesco, Pirro Elisa, De Francia Silvia, De Martino Francesca. Domanda di brevetto per invenzione industriale n° TO 2005 A 000695, depositata il 5 ottobre 2005 presso l’Ufficio Italiano Brevetti e Marchi (U.I.B.M.). **Validità Nazionale**.
- **“Procedimento per determinare glifosato e acido aminometilfosfonico in un campione”**. Università degli Studi di Torino, **Designated Inventors:** Francesco CHIARA, Elisa ARRIGO, Sarah ALLEGRA, Silvia DE FRANCIA, Daniele MANCARDI. Domanda depositata il 27 maggio 2021 con il n. **102021000013796**. **Estensione internazionale del brevetto depositata in data 26 maggio 2022 con il n. PCT/EP2022/064380**.

3 of April 2023

Silvia De Francia

Handwritten signature of Silvia De Francia in black ink.