

DAVY GUILLARME



BIRTH: 08 November 1977

MARITAL STATUS: Married, three children

WORK ADDRESS: School of pharmaceutical sciences, CMU, Rue Michel Servet, 1, 1211 Geneva 4 - Switzerland

Phone: 022 379 34 63

Email: davy.guillarme@unige.ch

Website: <https://ispsu.unige.ch/labs/fanal/en>

Google scholar: <https://scholar.google.com/citations?user=gXOeTW0AAAAJ&hl=fr>

Researchgate: https://www.researchgate.net/profile/Davy_Guillarme

LinkedIn: <https://www.linkedin.com/in/davy-guillarme-3378a41bb/>

ORCID number: <http://orcid.org/0000-0001-7883-5823>

CURRENT INTERESTS AND RESEARCH AREAS

- Separation techniques (liquid chromatography, supercritical fluid chromatography, capillary electrophoresis)
- Hyphenation of chromatographic techniques with mass spectrometry (triple quadrupole, QqTOF)
- Analysis of pharmaceutical substances in simple formulations or biological matrixes
- Characterization of new modalities developed in the pharmaceutical industry (therapeutic proteins and monoclonal antibodies, oligonucleotides, AAVs, mRNA...)

ACADEMIC QUALIFICATIONS

2005 Post-doctoral fellow, « Innovative approaches for coupling capillary electrophoresis to mass spectrometry ». University of Geneva (Switzerland).

2004 Ph.D. thesis « Possibilities and limitations of high temperature liquid chromatography ». University of Lyon (France).

2001 Master of analytical chemistry, University of Lyon (France).

1998 Bachelor of chemistry, University of Tours (France)

CURRENT POSITION AND EMPLOYMENT HISTORY

2024 Associate editor of Journal of chromatography A (IF=4.1 in 2023), Elsevier (Netherlands)

Since 2019 Senior lecturer and research associate, Faculty of Sciences, Geneva University (Switzerland)

2018-2023 Associate editor of Journal of chromatography B (IF=3.0 in 2023), Elsevier (Netherlands)

Since 2015 Senior Lecturer, Faculty of Sciences, Geneva University (Switzerland)

2010-2014 Lecturer, Faculty of Sciences, Geneva University (Switzerland)

2006-2009 Assistant Master, Faculty of Sciences, Geneva University (Switzerland)

2005 Post-doctoral position, Faculty of Sciences, Geneva University (Switzerland)

2001-2004 Ph.D. in Analytical chemistry, University of Lyon (France)

APPROVED RESEARCH PROJECTS

- Numerous collaborations with pharmaceutical industries and providers of scientific instrumentation
- More than 1.8 million CHF obtained from collaborations with industrial partners (Sanofi-Aventis, Nestlé, Novartis, Waters, Ferring, Merck, Roche, Bayer, Genentech ...) as main PI or co-PI
- More than 1.1 million CHF obtained from FNS, COMAD, Société académique de Genève, Schmidheiny foundation, as main PI or co-PI
- About 300'000 \$ obtained from the world anti-doping agency (WADA) as co-PI

SUPERVISION OF JUNIOR RESEARCHERS AT GRADUATE AND POST-GRADUATE LEVEL

- Co-direction/Direction of 8 PhD students
- Direction/Co-direction of 8 post-doc researchers
- Direction/co-direction of more than 25 Master theses.

TEACHING ACTIVITIES

Since 2006 Lecturer at the Faculty of Sciences, University of Geneva.

- Responsible for practical work of pharmaceutical analysis in the 2nd year of Bachelor (88 hours)
- Teaching courses on chromatography in the 2nd year of Bachelor (30 hours)
- Teaching courses on therapeutic proteins analysis in the 1st year of master (10 hours)
- Teaching courses to biomedical sciences bachelor and master (8 hours)
- Teaching interdisciplinary projects in the 1st year of master (20 hours)

Since 2006 Teaching activities in lifelong learning (1-day courses given more than 50-times)

MEMBERSHIPS IN BOARDS AND INDIVIDUAL SCIENTIFIC REVIEWING ACTIVITIES

- Members of scientific society: Center for competency in analytical chemistry and toxicology (ccCTA), Club Lyonnais de Chromatographie, French association for separation sciences (AFSEP), French Society for mass spectrometry (SFSM), Swiss society of industrial pharmacists (SSIP/GSIA).
- Editorial board member of various journals: Trends in Analytical chemistry, Journal of chromatography B, Chromatographia, LC-GC Europe, LC-GC North America, Journal of separation science, biomedical chromatography, American pharmaceutical review.
- Regular reviewer of numerous scientific journals (> 700 articles reviewed since 2006)
- External reviewer for national project proposals (Czech Republic, France, Austria, South Africa, Netherlands, Belgium, Estonia) and Professorship position (Spain)

ACTIVE MEMBERSHIPS IN SCIENTIFIC/ACADEMIC SOCIETIES

Since 2022 Board member of the AFSEP (French Association for separation sciences), Paris, France

Since 2022 Board member of the scientific commission of the school of pharmaceutical sciences council (UNIGE)

Since 2021 Board member of the school of pharmaceutical sciences council (UNIGE)

Since 2018 Scientific advisory committee member of the Green Chemistry Group

Since 2017 Board member of the teaching commission of the school of pharmaceutical sciences (UNIGE)

Since 2014 Board member of the commission on practical works at the school of pharmaceutical sciences (UNIGE)

Since 2014 Vice president of "Club lyonnais de chromatographie", Lyon, France

Since 2014 Vice president of « Center for competency in analytical chemistry and toxicology » (CCCTA), Genève, Suisse + in charge of training activities (> 20 courses per year)

CONFERENCES ORGANIZATION

- Chairman of the 13th French-speaking international conference on separation science and hyphenated techniques, Paris, France, 25-28 March 2019 (> 300 participants)
- Co-chairman of the 33rd seminar in pharmaceutical sciences, Zermatt, Switzerland, 2-5 September 2019 (> 50 participants)

BIBLIOMETRIC INDICATORS

h-index: 64 - Citation number > 13'000 (Scopus database consulted in November 2023)

h-index: 74 - Citation number > 17'000 (Google scholar database consulted in November 2023)

335 Papers in refereed journals

147 Delivered oral presentations at international meetings

156 Lectures / Talks / Seminars

107 Co-authored talks at international meetings

161 Posters at international meetings

37 Awards and distinctions