

DAVY GUILLARME



BIRTH: 08 November 1977

MARITAL STATUS: Married, three children

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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...)

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

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

Since 2018 Associate editor of Journal of chromatography B (IF=3.205 in 2020), 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 since 2011
- More than 500'000 CHF obtained from FNS, COMAD, Société académique de Genève, Schmidheiny foundation, as main PI
- About 200'000 \$ obtained from the world anti-doping agency (WADA) as co-PI

SUPERVISION OF JUNIOR RESEARCHERS AT GRADUATE AND POST-GRADUATE LEVEL

- Co-direction of 8 PhD students
- Direction/Co-direction of 5 post-doc researchers
- Direction/co-direction of more than 20 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 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: Analytical chemistry, Journal of chromatography A, Chromatographia, LC-GC Europe, LC-GC North America, Journal of separation science, biomedical chromatography, American pharmaceutical review, Current chromatography.
- Regular reviewer of numerous scientific journals (> 600 articles reviewed since 2006)
- External reviewer for national project proposals (Czech Republic, France, Austria, South Africa, Netherlands, Belgium) and Professorship position (Spain)

ACTIVE MEMBERSHIPS IN SCIENTIFIC/ACADEMIC SOCIETIES

Since 2021 Board member of the school of pharmaceutical sciences council

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

Since 2014 Board member of the reflection group on practical works at the school of pharmaceutical sciences

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: 56 - Citation number > 10'000 (Scopus database consulted in July 2021)

295 Papers in refereed journals

118 Delivered oral presentations at international meetings

136 Lectures / Talks / Seminars

98 Co-authored talks at international meetings

153 Posters at international meetings

31 Awards and distinctions