

Jérôme Lacour

University Address
Département de Chimie Organique
Université de Genève
30, quai Ernest Ansermet
CH-1211 Genève 4, Switzerland

jerome.lacour@unige.ch; Tel: +41 (0)22 379 6062
<http://www.unige.ch/sciences/chiorg/lacour/>

Home Address
138, Chemin de Clairjoie
F-74160 Présilly, France
Tel: +33 (0)450 04 42 75

ORCID ID: 0000-0001-6247-8059
Google scholar : Sg2wk5gAAAAJ
ResearcherID: G-3352-2015

EDUCATION AND TRAINING

Harvard University, Cambridge, MA, Post-doctoral Fellow (1993-1994)

Advisor: Professor David A. Evans. Approaches to the total synthesis of the antibiotic Vancomycin

University of Texas at Austin, Austin, TX, Ph.D. in Organic Chemistry (1989-1993).

Advisor: Prof. Philip D. Magnus. Oxidative β -azidation of TIPS enol ethers. Conjugate Additions without enone. Regioselective synthesis of α,β -unsaturated ketones. Oxidation of aromatic amines

Université Paris Sud, Orsay, France Doctorat en Sciences (1989-1992).

Advisor: Prof. Gilbert Balavoine

Ecole Normale Supérieure (Ulm), Paris, France (1988-1989)

Agrégation in Physical Sciences, Major in Chemistry

Université Pierre et Marie Curie, Paris, France (1987-1988)

Diplôme d'Etudes Approfondies (M. Sc.) in Organic Chemistry

PROFESSIONAL AND ACADEMIC RESEARCH EXPERIENCE

Full Professor of Chemistry (09.2004 - present)

Organic Chemistry Department, University of Geneva, Switzerland.

Primary research interest: *Asymmetric Synthesis and Catalysis using Organic, Physical Organic, Organometallic and Coordination Chemistry Tools*

Associate Professor of Chemistry (09.2001 - 08.2004)

Organic Chemistry Department. University of Geneva, Switzerland;

Sponsored by the Sandoz Family Foundation

Maître d'Enseignement et de Recherche (1999-2001)

Organic Chemistry Department. University of Geneva, Switzerland

Maître-Assistant (1995-1999)

Organic Chemistry Department. University of Geneva, Switzerland

INSTITUTIONAL RESPONSIBILITIES

Dean, Faculty of Science, University of Geneva (2014-2023) • Ex Officio Member, Swiss Institute of Bioinformatics, Foundation Council (2014-2023) • President, Association Genevoise des Métiers de Laboratoire (AGEMEL) (2010-2018) • Vice-Dean, Faculty of Science, University of Geneva (2010-2014)

APPROVED RESEARCH PROJECTS

Swiss National Science Foundation, "Superstable Chiral Cations and Reactive Ylides for Synthesis, Catalysis and Optical Applications" (CHF 937'986, 2022-2026) • HEL4CHIROLED - H2020 MSCA Innovative Training Network for the research on Chiro-Optical Devices (€ 4'160'030, € 562'553 for JL, 2020-2023) • Swiss National Science Foundation, "Superstable Cations and Reactive ylides for Synthesis, Catalysis and (Bio)Optical Applications" (CHF 1'101'315, 2019-2022) • Swiss National Science Foundation, Sinergia grant "Metal cluster assemblies with a twist" (CHF 2'363'628, 671'469 for JL, 2018-2021) • Swiss National Science Foundation, "Superstable Cations and Reactive ylides in Synthesis and Catalysis" (CHF 600'628, 2017-2019) • Swiss National Science Foundation, continued support since 1995.

SUPERVISION OF JUNIOR RESEARCHERS

3 Current Maître-Assistant & Post-doctoral Fellows: Dr. Nidal Saleh, Dr. Athur Gaucherand, Dr. Nicolas Sellet • 8 Current Doctoral Assistants: Mrs. Rebecca Mucci, Mr. Zhuang Zhong, Mrs. Claire Montagnon, Mr. Olivier Viudes, Mrs. Bibiana Fabri, Mr. Aurélien Chignac, Mr. B Pownthurai Balasubramaniam, Mrs. Wilaiwan Chaikhan, Mrs. Sheetal Sheetal • 41 Previous Post-doctoral Fellows • 35 Previous Doctoral Assistants

TEACHING ACTIVITIES

Organic Chemistry for Biologists and Pharmacists (42 hours, Fall semester, 1st year, 2004-) • Physical Organic Chemistry (28 hours, Fall semester, 3rd year, 2004-) • Course on Total Synthesis (4 hours, Fall semester, 4th year, 2016-) • Current Stereochemistry (1 h per week, all year, graduate, 2002-)

MEMBERSHIPS IN PANELS, BOARDS, ETC.

International Editorial Advisory Board of *Helvetica* (2022-) • Editorial Advisory Board of *Chemical Science* (2013-2023) • Editorial Board of *Chirality* (2005-) • *Chem* (2016-2018) • *Chemical Society Reviews* (2011-2018) and *Chem. Commun.* (2003-2012) • Editor in Chief of *Chimia* (2011-2014) • Regular reviewer for *J. Am. Chem. Soc.*, *Angewandte Chemie*, *Chem. Sci.*, *Chem. Eur. J.*, *Org. Lett.*, etc.

ORGANISATION OF CONFERENCES

Secretary of the Organizing Committee of the *EUCHEM/SCS “Bürgenstock” Conference on Stereochemistry* (2008-2017) • Member of the International Scientific Committee of the *International Symposium on Chirality* (2006-2020) •

PRIZES, AWARDS, FELLOWSHIPS

JSPS Invitational Long Term Fellowship for Research in Japan (2020&2022) • Visiting Professorships: Nagoya University (2018), University of Bordeaux (2013), Technion (Haifa, 2012), Ecole Centrale Marseille (2010), Universities of Strasbourg (2009), Angers and Dijon (2008), Lyon (2000) • Fellow of the Royal Society of Chemistry (2014) • Taiwan Chemistry Research Promotion Center Visiting Lectureship (2014) • International Organic Chemistry Foundation (IOCF) Lectureship, Japan (2014) • Grammaticakis-Neuman Prize, French Academy of Sciences (2005) • Werner Prize and Medal, Swiss Chemical Society (2002) • Sandoz Family Foundation Professorship (2001-2004)

Author or co-author of more than 230 publications and 340 lectures.