

Curriculum Vitae - Sébastien FIORUCCI

Associate Professor (Maître de Conférence – HDR) - Computational Chemistry



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<https://lab.chemsensim.fr/>

My research projects are focused on the molecular basis of the chemical senses (i.e. olfaction and taste) which are inherently complex neuronal processes. We are developing numerical models based on molecular modeling, machine learning and structural bioinformatics to decipher the combinatorial code of chemosensory perception.

Professional Positions

2008 -	Associate Professor (Maître de conférences)	UCA (ex. UNS)
2007 - 2008	Postdoctoral Fellow	Jacobs University Bremen
2006 - 2007	ATER	Univ. Nice Sophia Antipolis (UNS)

Education

2017	Habilitation à Diriger des Recherches	UCA
2003 - 2006	PhD Theoretical Chemistry	UNS
2002 - 2003	Master's Degree (DEA) Theoretical Chemistry	Univ. H. Poincaré, Nancy I

Publications and Funded Projects

Summary

- 52 publications (among them: 20* corresponding, 5 book chapters and 6 conference proceedings)
- 13 invited conferences
- 32 oral communications
- 11 seminars
- 45 posters
- 4 softwares & 2 databases
- 10 general audience conferences

Full list of publications: <https://bit.ly/3SvV8EA>

Funded Projects, last 5 years * = (co-)PI

2024-2025	PHC Procope <i>KinetChemSen</i>	14k€
2022-2025	CNRS (Prime80) <i>RevORIA*</i>	128 k€
2022-2025	ANRT <i>IA/GMCS/Perfume*</i>	146 k€
2022-2023	CNRS (MITI) <i>DeepLigGPCR*</i>	17 k€
2022-2023	GENCI <i>DeepORLig*</i>	108 k€
2020-2021	UCA EUR Spectrum <i>Chemokit*</i>	7 k€
2020	UCA Idex (Acad.2) <i>NumTaste*</i>	20 k€
2020-2024	ANR <i>Chemosim*</i>	147 k€
2018-2019	GENCI <i>ComputaNose</i>	55 k€
2018	UCA Idex (C@UCA) <i>AI-Sweet*</i>	5 k€
2018-2019	UCA Idex (PEPS / MSI) <i>Prediscent</i>	74 k€
2017-2022	ANR <i>Demeter</i>	114 k€
2017	PRACE <i>Computational Nose</i>	150 k€
2015-2018	ANR-NSF <i>NeurOlf</i>	148 k€
	Total	1.1 M€

Scientific and administrative experience

Administrative Activity, last 5 years

- 2022 - Board of the GDR CNRS 3713 - *Odorant, Odeur, Olfaction* (<https://www.gdr-o3.cnrs.fr/>)
- 2022 - Steering team of the SI Group Computational Chemosensation of ECRO (<https://bit.ly/ECRO-SIG-CC>)
- 2015 - Scientific Advisory Board of the Institut de Chimie de Nice, UMR 7272 CNRS
- 2022 - 2023 ANR scientific evaluation committee (CES07)
- 2021 - 2023 President of GGMM - *Groupe de Graphisme et de Modélisation Moléculaire* (<https://bit.ly/GGMM-fr>)
- 2020 - 2021 Member of GCCR (*Global Consortium for Chemosensory Research*, <https://gcchemosensr.org/>)
- 2021 - 2022 Corporate Relations manager of the Science and Engineering Faculty, Université Côte d'Azur (UCA)
- 2018 - 2022 Steering Committee of the graduate school *Formal, Physical & Engineering Sciences*, UCA
- 2012 - 2018 External reviewer PRACE (*Partnership for Advanced Computing in Europe*, <http://www.prace-ri.eu/>)

Organizing* and Scientific# congress committee last 5 years

- 2023 22° GGMM (Toulouse, Fr) # <https://ggmm2023.sciencesconf.org/>
- 2022 7e journées GDRO3 (Paris, Fr) # <https://bit.ly/GDRO3-2022>
- 2022 32° ECRO (Berlin, All.)*# - symposium chair <https://bit.ly/32ECRO-program>
- 2019 21° GGMM (Nice, Fr) *# <https://ggmm2019.sciencesconf.org/>
- 2018 4° journées GDRO3 (Nice, Fr) * <https://bit.ly/3nyQRyF>

Editorial Board

Frontiers in Molecular Biosciences (IF 2022 = 5.0); BMRI, section Computational Biology (IF 2022 = 3.2)

Peer-reviewing (<https://orcid.org/0000-0003-2245-0478>)

NPJ Digit. Med., PLoS Comput. Biol., Food. Chem., JCI, Sci. Rep., Molecules, PLoS One, RSC Open Sci., ...