

Pablo Sinues

Associate Professor

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PERSONAL INFORMATION

Date of birth: September 1976
Nationality: Spain
Residence: Zurich (C-permit)

BIBLIOMETRIC INDICATORS

OrcID: [0000-0001-5602-2880](https://orcid.org/0000-0001-5602-2880)
ResearcherID: [X-2311-2019](https://pubs.acs.org/doi/10.26434/chemrxiv-2019-x-2311)
Google ScholarID: [yeDIOsAAAAJ](https://scholar.google.com/citations?user=yeDIOsAAAAJ)
Scopus Author ID: [56962723900](https://orcid.org/56962723900)

EDUCATION

2015 **Habilitation in Analytical Chemistry, ETH Zurich, Switzerland**
2006 **PhD in Mechanical Engineering (*summa cum laude*); University Carlos III of Madrid, Spain**
PhD advisor: Prof. Juan Fernandez de la Mora (**Yale University**)
2000 **MSc in Chemistry; University of Murcia, Spain & Ghent University, Belgium (5th academic year)**

EMPLOYMENT HISTORY

2022-Present **Associate Professor**; University of Basel Children's Hospital, Dpt. Biomedical Engineering, **University of Basel, Switzerland**
2017-2022 **Tenure Track Assistant Professor**; University of Basel Children's Hospital, Dpt. Biomedical Engineering, **University of Basel, Switzerland**
2015-Present **Lecturer (*Privatdozent*)**; Dept. of Chemistry and Applied Biosciences, **ETH Zurich, Switzerland**
2011-2017 **Senior scientist**; Dpt. of Chemistry and Applied Biosciences, **ETH Zurich, Switzerland**
2010-2011 **Scientific project officer**; DG Research & Innovation, **European Commission, Belgium**
2008-2010 **Research associate**; Institute of Biomedical Technologies, **National Research Council, Italy**
2007-2007 **Research associate**; Dpt. Mechanical Engineering, **Yale University, USA**
2002-2006 **PhD student**; **CIEMAT, Madrid, Spain (3 years) & Yale University, USA (1 year)**

INSTITUTIONAL RESPONSIBILITIES

2018-Present Executive Board Member, Dpt. Biomedical Engineering, **University of Basel**
2018-Present Head of Teaching Commission, Dpt. Biomedical Engineering, **University of Basel**
2014-2017 Safety officer, **ETH Zurich**

APPROVED RESEARCH PROJECTS*

<i>Period</i>	<i>Funding body</i>	<i>Grant</i>	<i>Location</i>	<i>Role</i>	<i>Budget</i>
2019-2024	Swiss National Science Foundation	Eccellenza Grant (181300)	University of Basel	Principal Investigator	1.5 Mio CHF
2018-2022	Swiss National Science Foundation	Research project (173168)	University of Basel	Principal Investigator	689 kCHF
2018-2021	Velux Foundation	Research Project (1072)	University of Basel	Principal Investigator	165 kCHF
2018-2021	Zurich Exhalomics	-	University of Basel	Co-Principal Investigator	100 kCHF
2014-2017	European Commission	Marie Curie IAPP (609691)	ETH Zurich	Principal Investigator	916 kCHF
2011-2014	European Commission	Marie Curie ERG (276860)	ETH Zurich	Main applicant	45 kCHF
2008-2010	European Commission	Marie Curie IEF (220511)	Italian National Research Council	Main applicant	171 kCHF



2007	Spanish Ministry of Science	Torres Quevedo (02956)	Yale University	Main applicant	17 kCHF
2002-2006	Spanish Ministry of Science	Predoctoral Fellowship (0689)	CIEMAT	Main applicant	50 kCHF

***Most relevant only; Grand total during my career > 4 Mio CHF (1 CHF ~ 1 Eur)**

SUPERVISION OF JUNIOR RESEARCHERS

2017-Present	1 Postdoc, 5 PhD, University of Basel , Switzerland
2012-2017	3 Postdocs/5 PhD/6 Master students, ETH Zurich , Switzerland
2008-2010	1 Postdoc/1 PhD, National Research Council , Italy

TEACHING ACTIVITIES

2021-Present	Applied methods in forensic biomedical and toxicological science (53827-01), University of Basel
2020-Present	<i>Applied Engineering in the Hospital</i> (54876-01), University of Basel
2019-Present	<i>Programming and Statistics for Medical Data Analysis</i> (52056-01), University of Basel
2019-Present	<i>Modern Mass Spectrometry, Hyphenated Methods, and Chemometrics</i> (529-0041-00), ETH Zurich
2019	<i>Selected research topics in Biomedical Engineering - Novel phenotyping and diagnostic tools</i> (55661-01), University of Basel
2013-2017	<i>Spectral interpretation of organic compounds</i> (529-0289-00), ETH Zurich
2013-2017	<i>Modern Mass Spectrometry, Hyphenated Methods, and Chemometrics</i> (529-0041-00), ETH Zurich

MEMBERSHIPS IN BOARDS

2017-Present	President of the Society of Spanish Researchers in Switzerland link
2017-Present	Vice-president of the Swiss Metabolomics Society link
2016-Present	Principal Investigator of the Research Network Zurich Exhalomics link
2016-Present	Editorial board <i>Journal of Breath Research</i> (ISSN 1752-7163) link

INDIVIDUAL SCIENTIFIC REVIEWING ACTIVITIES

- Peer-review journals

Nat. Protoc., Anal. Chem., Chem. Comm., J. Breath Res., J. Clin. Path., Rap. Comm. Mass Spectrom., Talanta, Int. J. Mass Spectrom., J. App. Phys., Clin. Chim. Acta, Metabolites.

- Funding Agencies

2018-Present	Expert supporting the Swiss Innovation Agency (Innosuisse) link
2016	Austrian Federal Ministry of Science, Research and Business

MEMBERSHIPS IN SCIENTIFIC SOCIETIES

- Swiss Metabolomics Society,
- International Metabolomics Society
- Guangdong Provincial Anticancer Association
- Marie Curie Fellows Association
- International Association for Breath Research

ORGANIZATION OF SCIENTIFIC MEETINGS

2019	Scientific Committee European Society for Developmental Perinatal and Pediatric Pharmacology Congress, Basel
2018	Chair of the first General Assembly and joint scientific event of the Society of Spanish Researchers in Switzerland, University of Bern
2016	Chair of International Association Breath Research summit, Zurich

AWARDS

2020	Swiss Group for Mass Spectrometry award for outstanding independent research in the field of mass spectrometry link
2018	Eccellenza Grant from Swiss National Science Foundation link
2015	Outstanding teaching and publication performance; ETH Zurich
2015	Research award of the Swiss Society of Pulmonology (shared prize)