

CV of Katharina M. Fromm (<http://frommgroup.ch>)

1. Personal Information

Full Professor, Department of Chemistry, University of Fribourg, Chemin du Musée 9, CH-1700 Fribourg
Vice-President of the Natl' Research Council of the Swiss National Science Foundation until end of 2019
As of January 2020: Vice-Rector Research & Innovation of the University of Fribourg
OrcID 0000-0002-1168-0123;
https://scholar.google.ch/scholar?hl=en&q=Katharina+M.+Fromm&as_sdt=1%2C5&as_sctp=&oq=Ka

2. Education

2002 Habilitation in Inorganic Chemistry, University of Geneva, Switzerland
1991-1994 Dissertation in Chemistry, University of Karlsruhe (Prof. Dr. E. Hey-Hawkins)
1988-1991 Graduate studies of Chemistry, European Higher School of Industrial Chemistry of Strasbourg (EHICS, now ECPM), France (Diploma)
1985-1987 Undergraduate studies of Chemistry, University of Karlsruhe, Germany

3. Professional and academic experience

2006- Full Professor for Chemistry, University of Fribourg, Switzerland
2003-2006 SNSF Research Professor, Department of Chemistry, University of Basel, Switzerland
2002-2003 Emmy Noether Programme II, DFG, University of Karlsruhe, Germany
1998-2003 Maître-Assistante (Junior Group Leader), University of Geneva, Switzerland
1995-1997 Postdoctoral Researcher and Senior Scientist with Prof. J. Strähle, University of Tübingen, Germany, with Prof. Jean-Marie Lehn (Nobel Prize Winner), University of Strasbourg, France, and Profs. D. Fenske and R. Ahlrichs, University of Karlsruhe, Germany

Teaching Activities: 6h/week ex cathedra teaching, on top organization of lab works, co-workers seminar, MINT outreach activities (Women in Science, Matura works, Pupils at Uni); Mentor of Students of the Swiss Study Foundation (Schweizerische Studienstiftung)

4. Research projects as leading investigator (past 5 years)

Katharina M. Fromm has obtained research grants from the Deutsche Forschungsgemeinschaft (postdoctoral grant, Emmy Noether II), the EU (Erasmus), Innosuisse (CTI), the Adolphe-Merkle-Foundation (FriMat), the Swiss Academy of Sciences, the Portland-Cement-Stiftung Basel, the Innovation Fund of the "Elektrizitätswerke des Kantons Zürich"(EKZ) and the Swiss National Science Foundation (SNSF) as well as several industries. Examples:

01.2014 Member of the **SCCER "Heat and Electricity Storage"**, CTI, still running (ca. 140'000,-CHF/year)
04.2014 **SNSF-Research Grant** No 152777, 650'000,- CHF for 3 years
06.2014 Member of the **NCCR "Center for Bio-Inspired Stimuli-Responsive Materials"** at the University of Fribourg (ca. 140'000 CHF / year until 05/2018)
10.2014 **SNSF-Research Grant** No 407040_1153978 (NRP-70 "Energy"); ca. 755'557,-CHF for 3 years
03.2015 **MINT-project** of the Swiss Academy of Sciences (80'000,- CHF for 2 years)
06.2015 **Institutional Partnership (SCOPEs, SNSF)** SupraMedChem@Balkans; 190'000,- CHF for 3 years.
08.2015 **CTI-project "Bactoreveal"** without industrial partner, 232'000,- CHF for 18 months
08/09.2016 **ECM-30 Conference Organization (>900 participants):** SNSF-Grant: 20CO21_167026 (total amount granted: 20'000,- CHF out of which 10'000,- CHF were deficit guarantee); KGF-grant for ECM-30 conference: 12'000,- CHF; SCS-grant for ECM-30 conference: 5'000,- CHF
04.2017 **SNSF-Grant:** 200020_152777/2 (prolongation), 258'960,- CHF for 18 months
03.2018 **MINT-project** of the Swiss Academy of Sciences (75'000,- CHF for 3 years)
04.2018 **SNSF-Grant:** 178827; 1.2 Mio CHF for 4 years
01.2019: **Innocheck** grant from Innosuisse
04.2019 **Innosuisse Grant "GaCaps"**

5. Supervised PhD theses, important contributions to the career of scientists

Since 2002, supervision of 13 Postdocs, 37 PhD (of which 6 ongoing), 11 Master and 5 Bachelor Students; Dr. Adeline Y Robin, former female PhD student, is currently employed as Research Officer at the Walter and Eliza Hall Institute of Medical Research in Melbourne, Australia. Former PhD student Dr. Fabienne Gschwind pursued her habilitation at the University of Karlsruhe and Ulm in Germany, and Dr. Matthias Messerer, former postdoc, is now a researcher at the University Hospital Basel. Dr. Jing Chen is assistant professor in Xiamen. Dr. Yvens Chérémond is professor in Haiti. Katharina M. Fromm is also mentor to a group of students at the Swiss Study Foundation.

6. Prizes, fellowships, distinguished memberships

Elected Member of the European Academy of Sciences since 2018

Prix Jaubert of the University of Geneva 2018 (delivered 01/2019)

Elected Vice-President of the Swiss National Research Council (since 01.01.2016), Elected President of the Division IV (Programmes) of the SNSF (since 01.06.2015), Election as Research Councilor to SNSF (2011-)

First European Fellow of the American Chemical Society (2013)

Election to Swiss Academy of Sciences (2010), Platform Chemistry (previously also MAP) until end of 2017

Innovation Award by EKZ (Innovation Fund of Elektrizitätswerke des Kantons Zürich) (2010)

Member of the Research Council & the Presidium of the Swiss National Science Foundation (since 2011),

Member of the Commission for Scientific Integrity of the Swiss National Science Foundation (until end of 2016),

Member of the Board of the Swiss Society of Crystallography (2007-2016), Member of the Platform Chemistry of the Swiss Academy of Sciences (2008-2017), Member of the Commission for Teaching of the Swiss Chemical Society, resp. for Romandie Area (since 2016);

Reviewing activities for e.g. J. Am. Chem. Soc., Crystal Growth & Design, Inorg. Chem., Angew. Chem., Chem. Eur. J., Chem. Comm., CrystEngComm and others; Guest Editor for "Materials" and "Chimia"; Scientific referee for the Swiss National Science Foundation, the Polish Science Foundation, Health and Medical Research Fund Hong Kong, Deutsche Forschungsgemeinschaft, Agence Nationale de la Recherche, HCERES, etc.

7. Organization of Conferences

Organization of a Workshop on Research and Ethics for the Swiss Study Foundation 2021; Scientific Committee and Co-organizer of EuChemS2020; Co-organizer with R. Alberto of the Inorganic Section of the Annual Meeting of the Swiss Chemical Society in 2017; Chair (main organizer) of the European Crystallography Meeting ECM-30, Basel, August 28th-September 1st 2016 (>930 participants); Since 2009, organizer of the annual Fribourg Chaim Weizmann Lectureship (with a speaker of the caliber of a Nobel Prize Winner); Organizer of several 1-day events; Organizer of Charity Chemistry Shows (e.g. raised 10'000,-CHF for Red Cross after Haiti Earth Quake 2010).

8. Outreach (e.g., technology and knowledge transfer activities)

3 patents granted, 2 patents submitted; Innovation Prize of EKZ (Elektrizitätswerke des Kantons Zürich); 4 Innosuisse/CTI-projects (one without industrial partner); 1 Innocheck project; several contacts and mandate research for industries; several NDA contracts.

Numerous public outreach activities for children, newspapers, TV and radio (<http://frommgroup.ch/outreach-activities/>); Organization and financing of the Fribourg Chaim Weizmann Lectureship

9. Research Career Breaks

None, but maybe slightly lower publication output during the past 9 years as Research Councilor and President of Division IV and Vice-President of the Research Council of the Swiss National Science Foundation.