

Thomas Flatt

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<https://www.unifr.ch/bio/en/research/eco-evol/flatt.html>

full CV: <https://www.unifr.ch/bio/en/assets/public/Research/Thomas-Flatt/Flatt CV full.pdf>

Research Interests

Evolutionary biology, especially genetics and genomics of adaptation; population genetics; genetics of fitness components; life-history evolution and trade-offs; clines; spatially and temporally varying selection; balancing selection in general; climate adaptation; chromosomal inversion polymorphisms; evolution and mechanisms of aging and longevity; experimental evolution.

Education

2004 Ph.D. (Evolutionary Biology), University of Fribourg, Switzerland
1999 M.Sc. (Population Biology), University of Basel, Switzerland, and University of Sydney, Australia

Academic Positions

2018- Full Professor of Evolutionary Biology, University of Fribourg, Switzerland
2018-21 DFG Mercator Fellow & Visiting Professor, EvoPAD, IEB, University of Münster, Germany
2017-18 Associate Professor of Evolutionary Biology, University of Fribourg, Switzerland
2012-17 Swiss National Science Foundation (SNSF) Professor, University of Lausanne, Switzerland
2011-12 Fellow, Wissenschaftskolleg Berlin, Institute for Advanced Study, Berlin, Germany
2009-14 Faculty, Vienna Graduate School of Population Genetics, Austria
2009-12 Tenured Group Leader, Institute of Population Genetics, Vetmeduni Vienna, Austria
2004-08 Postdoctoral Fellow, Dept. of Ecol. & Evol. Biology, Brown University, Providence, USA

Publications

- 108 publications [97 articles, 10 book chapters, 1 edited book]
- full publication list: <https://www3.unifr.ch/bio/en/groups/flatt/pub-flatt.html>
- h-index: 46 (8725 citations; <http://scholar.google.ch/citations?user=hnOIPdEAAA&hl=en>)

Academic Service, Honors and Fellowships

2023- Delegate of SNSF NRC Division III on Review Panel of NCCR Microbiomes
2022- Member, SNSF Evaluation Panel Biology & Medicine Division
2022- Elected Member, National Research Council, Swiss National Science Foundation (SNSF)
2022- Member, SNSF Evaluation Panel Postdoc Mobility Biology
2022- Member, Steering Committee of the CUSO Transversal Skills Doctoral Program
2020-22 Member, European Science Foundation (ESF) College of Expert Reviewers
2021-23 Head of Department, Department of Biology, University of Fribourg
2019-21 Vice Head, Department of Biology, University of Fribourg
2019-21 Head, Fribourg Graduate School of Life Sciences (FGLS)
2018-21 DFG Mercator Fellow & Visiting Professor, IEB, University of Münster, Germany
2018-22 Member, Steering Committee of CUSO Ecology and Evolution Doctoral Program
2018-21 Head, CUSO Doctoral Program in Ecology & Evolution for 5 Swiss universities
2018-22 Member, Board of Assessors, Swiss Study Foundation, Zürich
2016-18 Member, Steering Committee of the DFG Collaborative Research Unit, DFG FOR 2281
2015- Member, Scientific Advisory Board, Groningen Institute for Evolutionary Life Sciences (GELIFES)
2013- Co-founder & -leader, *European Drosophila Population Genomics Consortium (DrosEU)*
2012-17 SNSF Professorship grant
2011-12 Fellow, Wissenschaftskolleg Berlin, Institute for Advanced Study, Berlin
2010-22 Member, National Scientific Advisory Council, American Federation for Aging Research (AFAR)

2006-08	Advanced Postdoctoral Fellow, SNSF
2005-06	Postdoctoral Fellow, Roche Research Foundation
2004-05	Postdoctoral Fellow, Swiss National Science Foundation (SNSF)
2003-04	Doctoral Fellow, Roche Research Foundation
1998-99	Fellow, Dr. Max Huisman Foundation and Roche Research Foundation
1994-04	Long-Term Fellow, Schweizerische Studienstiftung

Funding Record

- Grants from SNSF, Novartis, FWF, DFG, ESEB, etc.
- Total grant income since becoming PI in 2009: CHF 5,243,596 \approx 5.4 M € \approx 5.7 M USD
- (excludes: > 8 million CHF of grant funding to consortia I have been involved in as co-applicant.)

Supervision of Graduate Students and Postdoctoral Fellows in Vienna, Lausanne and Fribourg

- Since 2009: 8 postdoctoral fellows/senior researchers; 7 PhD students (1 as co-supervisor); 14 BSc and MSc students

Invited Talks and Contributed Presentations

- 67 invited symposia and conference talks
- 108 invited research seminars and talks
- 75 contributed conference presentations

Editorial Service

Current: Associate Editor, *Proceedings of the Royal Society of London B* (2021-23; 2024-27); Member, Oversight Committee for *Evolution Letters* (2023-). **Past:** *Evolution* (2020-22, 2nd 3-year term); *Faculty of 1000* (2011-22); *Peer Comm. Evol. Biol.* (2016-22); *Philosophical Transactions of the Royal Society of London B* (2021-22; guest editor); *eLife* (January 2020: Guest Reviewing Editor); *BMC Zool.* (2016-20); *Ecology & Evolution* (2016-20); *Evolution* (2016-2018); *Front. Endocrin. Aging* (2014); *PLoS ONE* (2011-14); *Front. Genet. Aging* (2011-14); *Front. Exp. Endocrin.* (2011-14); *J. Evol. Biol.* (2010-16, Deciding Editor); *J. Evol. Biol.* (2009-10, Reviewing Editor).

Reviewer and Panelist Activity

- Reviewer for 51 funding bodies, institutions, and academies, e.g., SNSF, ERC, DFG, ANR, FWF, ESF, NSF, NERC, BBSRC, NWO, MacArthur Foundation, Royal Society, Max Planck Society, Indian Academy of Sciences
- Member of SNSF National Research Council, SNSF Evaluation Panel Biology & Medicine, SNSF Postdoc.Mobility (Life Sciences - Biology) Panel, SNSF Panel of NCCR Microbiomes
- Reviewer for 67 internationally peer-reviewed journals
- Top reviewer 2014 & 2015 for *Molecular Ecology* and 2015 for *Proceedings of the Royal Society London*

Organization of Workshops, Symposia and Conferences

- 42 international and national meetings co-organized

Teaching in Vienna, Lausanne and Fribourg

- Since 2009: >16 courses at BSc, MSc and PhD level in evolutionary biology, evolutionary ecology, population genetics and genomics, Darwinian medicine, evolution of life histories and aging, etc.

Consortia Leadership

- 2013-date: Co-founder & -coordinator, European *Drosophila* Population Genomics Consortium (DrosEU)