

Thomas Flatt

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Research Interests

Adaptation genomics; molecular population genetics; genetics of fitness components; life-history evolution; clines; spatially varying selection; climate adaptation; chromosomal inversion polymorphisms; evolution and mechanisms of aging and longevity; experimental evolution.

Education

2004 Ph.D., Department of Biology, Ecology and Evolution, University of Fribourg, Switzerland
1999 M.Sc., Department of Integrative Biology, Zool. Institute, University of Basel, Switzerland

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 (2009-2014), 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

- 92 publications [81 articles, 10 book chapters, 1 edited book]
- full publication list: <https://www3.unifr.ch/bio/en/groups/flatt/pub-flatt.html>
- *h*-index: 39 (6176 citations; <http://scholar.google.ch/citations?user=hnOIPdEAAA&hl=en>)

Awards, Honors and Academic Service

2020- European Science Foundation (ESF) College of Expert Reviewers
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
2018-21 Head, CUSO Doctoral Program in Ecology & Evolution for 5 Swiss universities
2018- Member of Standing Board of Assessors, Swiss Study Foundation
2016-18 Steering Committee, DFG Collaborative Research Unit, DFG FOR 2281
2015- Scientific Advisory Board, Groningen Institute for Evolutionary Life Sciences (GELIFES)
2013- Co-leadership, European *Drosophila* Population Genomics Consortium (*DrosEU*)
2012-17 SNSF Professorship grant
2011-12 Fellow, Wissenschaftskolleg Berlin, Institute for Advanced Study, Berlin
2010- National Scientific Advisory Council, American Federation for Aging Research
2006-08 Advanced Postdoctoral Fellow, SNSF
2005-06 Postdoctoral Fellow, Roche Research Foundation
2004-2005 Postdoctoral Fellow, Swiss National Science Foundation (SNSF)
2003-2004 Doctoral Fellow, Roche Research Foundation

- 1998-99 Fellow, Dr. Max Husmann Foundation and Roche Research Foundation
1994-04 Long-Term Fellow, Schweizerische Studienstiftung

Funding Record

- Total grant income since becoming PI in 2009: CHF 4,281,696 = USD 4,343,340 = € 3,848,910.

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

- Since 2009: 7 postdoctoral fellows; 10 PhD students (1 as co-supervisor); 14 BSc and MSc students

Invited Talks and Contributed Presentations

- 60 invited symposia and conference talks
- 103 invited research seminars and talks
- 73 contributed conference presentations

Editorial Boards

Current: *Proceedings of the Royal Society of London B* (2021-2024); *Evolution* (2020-2022); *Faculty of 1000* (2011-date); *Peer Comm. Evol. Biol.* (2016-).

Past: *eLife* (January 2020: Guest Reviewing Editor); *BMC Zool.* (2016-2020); *Ecology & Evolution* (2016-2020); *Evolution* (2016-2018); *Front. Endocrin. Aging* (2014); *PLoS ONE* (2011-2014); *Front. Genet. Aging* (2011-2014); *Front. Exp. Endocrin.* (2011-2014); *J. Evol. Biol.* (2010-2016, Deciding Editor); *J. Evol. Biol.* (2009-2010, Reviewing Editor).

Reviewer and Panelist Activity

- Reviewer for numerous funding bodies and institutions, e.g., SNSF, ERC, DFG, ANR, FWF, ESF, NSF, NERC, BBSRC, NWO, MacArthur Foundation, Royal Society, Max Planck Society, etc.
- Reviewer for >65 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

- 39 international and national meetings co-organized

Teaching in Vienna, Lausanne and Fribourg

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

Memberships of Scientific Societies and Consortia

- 2013-date: Co-founder & -coordinator, European *Drosophila* Population Genomics Consortium (DrosEU)
- 2012-date: Member, *Drosophila* Real Time Evolution Consortium (Dros-RTEC)
- Societies: Genetics Society of America (GSA), Society for Molecular Biology and Evolution (SMBE), Society for the Study of Evolution (SSE), European Society for Evolutionary Biology (ESEB), American Society of Naturalists (ASN), Swiss Zoological Society (SZS), Junior European *Drosophila* Investigators (JEDI), German Zoological Society (DZG), etc.