



# *Curriculum Vitae*

**Walter Salzburger**

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## PERSONAL INFORMATION

**Name:** Walter Salzburger

**Date of birth:** January 1<sup>st</sup>, 1975 (in Wörgl, Austria)

**Nationality:** Austrian, Swiss

**Position:** Professor

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tel.: +41 78.888.1776 (mobile)

## EDUCATION

- 2001** **Doctoral degree**  
(Dr. rer. nat.), University of Innsbruck, Austria, awarded with distinction
- 1998-2001** **Doctoral thesis work**  
"Speciation in Lake Tanganyika cichlids" at the Department of Zoology and Limnology, University of Innsbruck, Austria; supervisor: Prof. Christian Sturmbauer
- 1998** **Master degree**  
(Magister) in Zoology, University of Innsbruck, Austria, awarded with distinction
- 1997-1998** **Master thesis work**  
"Comparative phylogenetic analysis of Lake Tanganyika cichlids using different mitochondrial gene segments" at the Department of Zoology and Limnology, University of Innsbruck, Austria; supervisor: Prof. Christian Sturmbauer
- 1993-1998** **Study of Biology/Zoology**  
at the University of Innsbruck, Austria
- 1993** **School leaving examination**  
(Matura), awarded with distinction

## FURTHER EDUCATION

- 2004-2006** **Applied training courses "Didactics at Universities"**  
Hochschuldidaktisches Zentrum, University of Konstanz, Germany
- 2003** **Workshop "Advances in Genome Technology and Bioinformatics"**  
Marine Biological Laboratory (MBL), Woods Hole and The Institute of Genome Research (TIGR), USA
- 2001** **Advanced training course "Didactics in Natural Sciences"**  
The Institute of Didactics in Nature (natopia), Innsbruck, Austria
- 2000** **Workshop "Molecular Evolution"**  
Marine Biological Laboratory (MBL), Woods Hole, USA
- 1992-1999** **Student internships**  
Alpenzoo Innsbruck, Austria

## POSITIONS HELD

2020-	<b>Full Professor</b> Zoological Institute, Department of Environmental Science, University of Basel, Switzerland
2012-2020	<b>Associate Professor</b> Zoological Institute, Department of Environmental Science, University of Basel, Switzerland
2012-2015	<b>Visiting Professor (Prof. II)</b> Centre for Ecological and Evolutionary Synthesis (CEES), University in Oslo, Norway
2007-2012	<b>Assistant Professor (with tenure-track)</b> Zoological Institute, Department of Environmental Science, University of Basel, Switzerland
2006-2007	<b>Junior Group Leader (Maitre Assistant)</b> Department of Ecology and Evolution, University of Lausanne, Switzerland
2002	<b>Visiting Postdoctoral Fellow with Hans Hofmann</b> Bauer Center for Genomics Research (CGR), Harvard University, USA (June-September)
2001-2006	<b>Postdoctoral Fellow with Axel Meyer</b> Department of Biology, University of Konstanz, Germany
1998-2001	<b>Doctoral Student with Christian Sturmbauer</b> Institute of Zoology and Limnology, University of Innsbruck, Austria

## RESEARCH FELLOWSHIPS (as fellow)

2002-2004	<b>Marie Curie Individual Fellowship</b> European Union (EU)
1999-2001	<b>DOC Fellowship (Nr. 716)</b> Austrian Academy of Sciences

## PRICES AND AWARDS

2011	<b>Walther-Arndt Forschungspreis</b> , German Zoological Society
2004	<b>LBS-Umweltpreis</b> , LBS Baden-Württemberg, Stuttgart, Germany
1999	<b>Excellence Award</b> from the Austrian Minister of Sciences and Education, Dr. Caspar Einem, for outstanding achievements during undergraduate research ("Würdigungspreis des Bundesministers")
1998	<b>Excellence Award</b> from the University of Innsbruck, Austria, for special achievements during studies

## RESEARCH GRANTS

2020-2024	<b>Swiss National Science Foundation (SNF), Sinergia Program</b> <i>Molecular evolution and ontogenetic development of dietary adaptations in vertebrates at the micro- and macro-evolutionary scale</i> (PI: Walter Salzburger, co-PIs: Patrick Tschopp, Henrik Kaessmann, Marcus Clauss)	CHF 3'186'000,-
2020-2023	<b>Swiss National Science Foundation (SNF), COST Program</b> <i>The shaping of genetic diversity as prerequisite for ecosystem resilience</i>	CHF 239'000,-
2018-2022	<b>Swiss National Science Foundation (SNF)</b> <i>The genomic basis of divergence and convergence in fish species-flocks</i>	CHF 904'000,-
2014-2019	<b>European Research Council (ERC), Consolidator Grant</b> <i>CICHLID~X: An integrative approach towards the understanding of an adaptive radiation of East African cichlid fishes</i>	€ 2'000'000,-
2014-2018	<b>Swiss National Science Foundation (SNF)</b> <i>The role of ecology and phenotypic plasticity in adaptive divergence in East African cichlid fishes</i>	CHF 703'000,-

2013-2016	<b>German Research Foundation (DFG)</b> <i>Trans-generational immune priming &amp; sexual immune dimorphism across a parental care gradient in two fish families</i> (PI: Olivia Roth; co-PI: Walter Salzburger)	€ 179'800,-
2011-2014	<b>Swiss National Science Foundation (SNF), Sinergia Program</b> <i>Patterns and processes in evolutionary radiations of fossil and living actinopterygian fishes</i> (main PI: Marcelo Sanchez -Villagra, co-PIs: Heinz Furrer, Walter Salzburger)	CHF 945'000,-
2011-2014	<b>Swiss National Science Foundation (SNF)</b> <i>The relative importance and genetic architecture of natural versus sexual selection in the adaptive radiation of cichlid fishes</i>	CHF 398'000,-
2011	<b>National Geographic Society (NGS)</b> Council for Research and Expeditions	US\$ 17'000,-
2008-2013	<b>European Research Council (ERC), Starting Grant</b> INTERGENADAPT: <i>The interaction and the genetic basis of naturally versus sexually selected traits in the adaptive radiations of cichlid fishes</i>	€ 750'000,-
2009-2011	<b>German Research Foundation (DFG)</b> <i>Adaptive Radiation in an Extreme Environment – Genetic Diversity, Speciation and the Evolution of Key-Innovations in Antarctic Notothenioids</i> (PI: Reinhold Handel; co-PI: Walter Salzburger)	€ 60'500,-
2008-2011	<b>Swiss National Science Foundation (SNF)</b> <i>The interrelation between ecological, morphological, genetic and transcriptional diversity in the adaptive radiations of cichlid fishes in East Africa</i>	CHF 330'000,-
2004	<b>Center for Junior Research Fellows, University of Konstanz</b> <i>The Sequencing of <i>Astatotilapia burtoni</i> (Cichlidae) expressed sequence tags</i>	€ 15'000,-
2003	<b>Center for Junior Research Fellows, University of Konstanz</b> <i>Evolutionary genomic analyses of East African cichlid fishes</i>	€ 13'000,-
2002-2004	<b>Landesstiftung Baden-Württemberg gGmbH</b> <i>Development of a cDNA microarray to characterize color- and speciation genes in cichlid fishes</i>	€ 77'000,-

(only research grants larger than € 15.000,- are listed)

## RESEARCH FELLOWSHIPS (as host)

2020-2023	<b>Marie Curie Intra-European Fellowship</b> Post-Doctoral Fellowship for Dr. Julia M. I. Barth	€ 248.000,-
2018-2021	<b>Swiss Government Excellence Scholarship</b> PhD Fellowship for Marcos Aurelio da Silva (salary)	
2018-2020	<b>German Research Foundation (DFG)</b> Post-Doctoral Fellowship for Carolin Sommer-Trembo (salary)	
2016-2019	<b>Swiss National Science Foundation (SNF), Ambizione Program</b> Post-Doctoral Fellowship for Dr. Astrid Böhne (salaries and project expenses)	CHF 600'000,-
2016-2018	<b>European Molecular Biology Organization (EMBO), Long Term Fellowship</b> Post-Doctoral Fellowship for Dr. Milan Malinsky (salary)	CHF 140'000,-
2016-2017	<b>Swiss Government Excellence Scholarship</b> PhD Fellowship for Giselle Perazzo (salary)	
2012-2015	<b>VolkswagenStiftung (Germany)</b> Post-Doctoral Fellowship for Dr. Astrid Böhne (salary and project expenses)	€ 225.000,
2012-2014	<b>Marie Curie Intra-European Fellowship</b> Post-Doctoral Fellowship for Dr. Joost Raeymaekers	€ 248.000,-
2012-2014	<b>German Academic Exchange Service (DAAD)</b> Post-Doctoral Fellowship for Dr. Sara Mae Stieb (salary)	ca. € 22'000,-
2011-2013	<b>CRUS/SciEX, Switzerland</b> Post-Doctoral Fellowship for Dr. Zuzana Muzilova (salary)	CHF 120'000,-

2011-2012	<b>German Academic Exchange Service (DAAD)</b> Post-Doctoral Fellowship for Dr. Astrid Böhne (salary)	ca. € 22'000,-
2009-2011	<b>Austrian Science Foundation (FWF)</b> Post-Doctoral Fellowship for Dr. Bernd Egger (salary)	€ 70.000,-
2009-2012	<b>Swiss National Science Foundation (SNF), Ambizione Program</b> Post-Doctoral Fellowship for Dr. Daniel Berner (salary and project expenses)	CHF 383'000,-
2008-2012	<b>Fundacao para a Ciencia e a Tecnologia (FCT, Portugal)</b> PhD-fellowship for Emilia Santos (salary and bench fees)	ca. € 170'000,-
2008-2011	<b>VolkswagenStiftung (Germany)</b> PhD-fellowship for Michael Matschiner (salary and project expenses)	ca. € 140'000,-

(only fellowships larger than CHF 15.000,- are listed)

## COMMITTEE ACTIVITIES

2019-	<b>Member of the "Kommission für Ausbildungsbeiträge"</b> Amt für Ausbildungsbeiträge, Basel
2017-	<b>Panel Member</b> Ambizione Fellowship Program, Swiss National Science Foundation
2016-	<b>Member of the Scientific Advisory Board</b> Leibniz-Institute for Zoo- and Wildlife Research, Berlin, Germany
2013-	<b>Chair of Teaching Committee Biology</b> University of Basel
2012-	<b>Member of the "Stipendienkommission"</b> University of Basel
2009-	<b>President</b> Swiss Zoological Society
2009-	<b>Member of the Executive Board</b> Naturforschende Gesellschaft, Basel
2008-2011	<b>Member of the Scientific Advisory Board</b> Zukunftskolleg, University of Konstanz, Germany
2008-2009	<b>Member of the Executive Board (Vice President)</b> Swiss Zoological Society
2008-2014	<b>Expert for the initiative "Evolutionary Biology"</b> VolkswagenStiftung, Germany
2005-2006	<b>Member of the Executive Board</b> Center for Junior Research Fellows, University of Konstanz, Germany
1998-2001	<b>Founding Member</b> The Institute of Didactics in Nature (natopia), Innsbruck, Austria
1999-2001	<b>Member of the Curriculum Committee for Doctoral Students</b> University of Innsbruck, Austria
1999-2000	<b>Member of the Electoral Committee</b> University of Innsbruck, Austria
1996-1998	<b>Student Representative</b> for Biology in the Faculty of Natural Sciences; University of Innsbruck, Austria

## PROFESSIONAL MEMBERSHIP

- ▶ Austrian Biologists Association (ABA)
- ▶ European Society for Evolutionary Biology (ESEB)
- ▶ Freiwillige Akademische Gesellschaft (FAG), Basel

- German Zoological Society (DZG)
- Society for Molecular Biology and Evolution (SMBE)
- Society for the Study of Evolution (SSE)
- Swiss Zoological Society (SZS)

## EDITORIAL WORK

<b>2018-2020</b>	<b>Journal of Great Lakes Research</b> Guest Editor
<b>2014-2018</b>	<b>Royal Society Open Science</b> Editorial Board
<b>2013-2017</b>	<b>Axios Review</b> Editorial Board
<b>2013-2015</b>	<b>Evolution</b> Associate Editor
<b>2011-2016</b>	<b>PLoS ONE</b> Academic Editor
<b>2010-2014</b>	<b>BMC Evolutionary Biology</b> Section Editor, Speciation and Evolutionary Genetics
<b>2009-2012</b>	<b>Genes</b> Editorial Board Member
<b>2008-2010</b>	<b>BMC Evolutionary Biology</b> Associate Editor
<b>2008-2015</b>	<b>Zoological Research</b> International Editor
<b>2007-2010</b>	<b>Journal of Evolutionary Biology</b> Reviewing Editor

## SERVICE AS REVIEWER

### Research Agencies (selection)

Austrian Science Fund (FWF), Czech Science Foundation (CSF), European Research Council (ERC), German Science Foundation (DFG), Greek Ministry of Sciences, Human Frontiers Program, Leibnitz Society Germany, Leverhulme Trust UK, National Geographic Society, Natural Environment Research Council (NERC) UK, National Science Foundation (NSF), Natural Sciences and Engineering Research Council (NSERC) Canada, Research Foundation Flanders (FWO) Belgium, Swiss National Science Foundation (SNSF), Volkswagen Foundation Germany, Wellcome Trust UK.

### International Scientific Journals (selection)

*Acta Zoologica Sinica, American Naturalist, Biological Journal of the Linnean Society, Biological Systematics and Evolutionary Research, Biology Letters, BMC Biology, BMC Evolutionary Biology, BMC Genomics, Biochemical Systematics and Ecology, Briefings in Functional Genomics, Cell, Conservation Genetics, Current Biology, Ecology and Evolution, Ecology Letters, Evolution, Evolution Letters, Gene, Genome Biology, Genome Biology and Evolution, Heredity, Hydrobiologia, Insect Conservation and Diversity, Integrative and Comparative Biology, International Journal of Evolutionary Biology, International Journal of Zoology, International Review of Hydrobiology, Journal of Biotechnology, Journal of Evolutionary Biology, Journal of Experimental Zoology, Journal of Fish Biology, Journal of Great Lakes Research, Journal of Molecular Evolution, Journal of Zoology, Marine Biology, Molecular Biology and Evolution, Molecular Ecology, Molecular Ecology Resources, Molecular Phylogenetics and Evolution, Nature, Nature Communications, Nature Ecology & Evolution, Naturwissenschaften, Organismal Diversity and Evolution, Philosophical Transactions of the Royal Society London, Series B, PLoS Genetics, PLoS ONE, Proceedings of the National Academy of Sciences USA, Proceedings of the Royal Society London B, Royal Society Open Science, Science, Scientific Reports, South African Journal of Science, Systematic Biology, Trends in Genetics, Zoological Journal of the Linnean Society.*

## INVITED TALKS AND SEMINARS

- 2021** University of Lille, France  
Seminar series in Evolution and Ecology (online)  
Centre for Biodiversity Genomics, University of Guelph (online)
- 2020** Kerner-von-Marilaun-Festsymposium, Austrian Academy of Sciences (**invited speaker**)  
Fish Genome Meeting, Lausanne, Switzerland  
Gymnasium Bäumlhof, Basel
- 2019** University of Bayreuth, Germany (**Bayreuth Biology Lecture 2019**)  
Biology19 Conference, Zurich, Switzerland (**invited speaker**)  
German Cichlid Society (DCG), Annual Meeting, Bonn, Germany (**invited speaker**)  
Programming for Evolutionary Biology workshop, Berlin, Germany (**invited speaker**)  
University of Cambridge, UK  
Botanical Institute, University of Basel  
sciCORE Breakfast talk, University of Basel
- 2018** Evolution in Sweden conference, Stockholm, Sweden (**keynote**)  
Lausanne Genomics Days, Lausanne, Switzerland (**invited speaker**)  
Butterfish meeting, Cambridge, UK (**invited speaker**)  
Genomics Basel, D-BSSE, Basel  
Lake Tanganyika Conservation workshop, Dar Es Salaam, Tanzania (**invited speaker**)  
University of Ghent, Belgium  
Gulbenkian Institute, Lisbon, Portugal  
Max-Planck Institute, Tübingen, Germany  
Speciation in Ancient Lakes 8 conference, Entebbe, Uganda (**keynote**)  
Pan African Fish and Fisheries Association (PAFFA) conference, Mangochi, Malawi (**keynote**)  
Alfried Krupp Kolleg, Greifswald, Germany (**public**)  
Uni am Markt, Lauffen, Switzerland (**public**)  
DOKMA, Geomar, Kiel, Germany (**invited speaker**)  
Genetics Society Autumn Meeting, Exeter, UK (**invited speaker**)
- 2017** Naturforschende Gesellschaft in Basel, Switzerland (**public**)  
Tanzanian Fisheries Research Institute (TAFIRI), Kigoma, Tanzania  
Cafe Scientifique Basel, Switzerland (**public**)  
Science Lunch, Zurich University of Applied Sciences and Arts (ZFH), Switzerland  
Ornithologische Gesellschaft Basel, Switzerland (**public**)  
Bernd-Spiessl-Symposium Basel, Switzerland (**Bernd-Spiessl lecture**)  
Gordon Research Conference "Ecological & Evolutionary Genomics", Biddeford, USA (**invited speaker**)  
Behaviour 2017, Estoril, Portugal (**invited speaker**)  
Harvard University, USA  
University of Zurich, Switzerland  
International Barcode of Life (iBOL) conference, Kruger National Park, South Africa (**keynote**)  
SwissDrilling conference, Bern, Switzerland (**invited speaker**)
- 2016** Centre de Recherche en Hydrobiologie (CRH), Uvira, DR Congo  
New Model Systems Symposium, European Molecular Biology Organization (EMBO), Heidelberg, Germany  
Institute de Génomique Fonctionnelle de Lyon (IGFL), Lyon, France  
Scientific Drilling workshop, University of Basel, Switzerland  
Alumni meeting, University of Basel, Switzerland (**public**)  
University of Glasgow, UK  
Programming for Evolutionary Biology workshop, University of Leipzig, Germany (**invited speaker**)  
Society for Molecular Biology and Evolution (SMBE) conference, Gold Coast, Australia (**invited speaker**)  
Genome10K meeting, Wellcome Trust Sanger Institute, Hinxton, UK (**invited speaker**)  
Zoo Basel, Switzerland
- 2015** CichlidScience conference, University of Graz, Austria (**keynote**)  
Geomar, Kiel, Germany  
German Ichthyological Society, IGB Berlin, Germany (**keynote**)  
German Zoological Society annual meeting, Graz, Austria (**keynote**)  
Natural History Museum, Brussels, Belgium



- UniNacht, University of Basel, Switzerland (**public**)  
 KinderUni, University of Basel, Switzerland  
 Programming for Evolutionary Biology workshop, University of Leipzig, Germany (**invited speaker**)  
 University of Vienna, Austria
- 2014** American Association for the Advancement of Sciences, Chicago, USA (**invited speaker & ERC session speaker**)  
 Center for Ecology and Evolution (CEES), University in Oslo, Norway  
 INPA and University of Manaus, Manaus, Brasil  
 FlyingScience, Langenbruck, Switzerland (**public**)  
 Life Sciences Symposium, BioValley College Networks, Lörrach, Germany (**keynote**)  
 Evo-Devo summer school, Oxford Brookes University, UK (**invited speaker**)  
 Cichlid genome meeting, The Genome Analysis Centre (TGAC), Norwich, UK (**invited speaker**)  
 Are there limits to evolution? conference, University of Cambridge, UK (**invited speaker**)  
 University of Duluth, Minnesota, USA (**Darwin Day Lecture**)  
 University of Geneva, Switzerland  
 Programming for Evolutionary Biology workshop, University of Leipzig, Germany (**invited speaker**)  
 VolkswagenStiftung symposium, Hannover, Germany (**keynote**)  
 Wissenschaftskolleg, Berlin, Germany
- 2013** Advances in Ecological Speciation conference, CIBIO, Porto, Portugal (**keynote**)  
 Bridging the gap workshop, CEES, University in Oslo, Norway (**invited speaker**)  
 CichlidScience conference, University of Bangor, UK (**keynote**)  
 Institute de Génomique Fonctionnelle de Lyon (IGLF), Lyon, France (**inauguration lecture**)  
 Natural History Museum, Berlin, Germany  
 Pan African Fish and Fisheries Association (PAFFA) conference, Bujumbura, Burundi (**invited speaker**)  
 University of Bristol, UK  
 University of Neuchatel, Switzerland  
 University of Sheffield, UK
- 2012** Evolution meeting, Ottawa, Canada (**ERC session speaker**)  
 Society for Molecular Biology and Evolution (SMBE) conference, Dublin, Ireland (**invited speaker**)  
 Speciation in Ancient Lakes 6 conference, Bogor, Indonesia (**invited speaker**)  
 Benelux Congress of Zoology, Brussels, Belgium (**keynote**)  
 Gulbenkian Institute, Lisbon, Portugal  
 University of Prague, Czech Republic  
 Natural History Museum, Madrid, Spain  
 Population Genetics workshop, Churwalden, Switzerland (**invited speaker**)  
 Center for African Studies, Basel, Switzerland  
 University of Fribourg, Switzerland  
 University of Milano, Italy  
 University of Edinburgh, Scotland  
 Cologne Spring Meeting, University of Cologne, Germany (**invited speaker**)  
 Fish Genome Meeting, von-Thünen Institut, Hamburg, Germany  
 Naturforschende Gesellschaft, Basel, Switzerland  
 Adaptive Genomics symposium, University of Frankfurt, Germany (**invited speaker**)  
 University of Münster, Germany  
 University of Jena, Germany  
 Flying Science, Basel, Switzerland (**public**)  
 Cichlid Group, Birr, Switzerland (**public**)
- 2011** Evolutionary Biology Center, University of Uppsala, Sweden  
 German Zoological Society meeting, Saarbrücken, Germany (**Walther-Arndt Price lecture**)  
 Evolution at the Sea meeting, Sylt, Germany  
 Museum of Comparative Zoology, Harvard University, USA  
 Drilling Workshop, Brown University, USA (**invited speaker**)  
 German Cichlid Society, Switzerland (**public**)  
 High-throughput sequencing workshop, CEES, University in Oslo, Norway (**invited speaker**)  
 EMPSEB meeting, Lisbon, Portugal (**invited speaker**)  
 University of Potsdam, Potsdam, Germany  
 University of Bonn & Museum Alexander König, Bonn, Germany  
 Bundesinstitut für Risikobewertung, Berlin, Germany  
 Darwin Day Symposium, CEES & Norwegian Academy of Sciences, Oslo, Norway (**invited speaker**)  
 Department of Ecology and Evolution (DEE), Lausanne, Switzerland



- 2010** Aquavit Symposium, Max-Planck-Institute, Ploen, Germany (**invited speaker**)  
 Friedrich Miescher Institute (FMI), Basel, Switzerland  
 Speciation summer school, EAWAG, Kastanienbaum, Switzerland (**invited speaker**)  
 Biozentrum, University of Basel, Switzerland  
 Natural History Museum, Vienna, Austria  
 Zoologische Gesellschaft Zürich, Zurich, Switzerland  
 Cusanuswerk (Fachtagung Biologie), Regensburg, Germany (**invited speaker**)
- 2009** Geomar, Kiel, Germany  
 Exhibition "Evolution schafft Vielfalt", IKEA, Hannover, Germany (**public**)  
 Symposium of the Volkswagen Foundation Evolutionary Biology Initiative, Velen, Germany (**keynote**)  
 Naturforschende Gesellschaft, Basel, Switzerland (**public**)  
 Historisch-Antiquarische Gesellschaft, Basel Switzerland (**public**)  
 Naturforschende Gesellschaft, Schaffhausen, Switzerland (**public**)  
 Baxter Innovations, Vienna, Austria  
 Department of Animal Behavior, University of Bielefeld, Germany  
 Comparative Genomics workshop, University of Lyon, France (**invited speaker**)  
 Centre for Ecology and Evolution, London, England  
 SeniorenUni, University of Basel, Switzerland (**public**)  
 SamstagsUni, University of Basel, Switzerland (**public**)  
 KinderUni, University of Basel, Switzerland (**public**)  
 Niche Evolution conference, Zurich, Switzerland  
 Evolutionary Ecology Group, University of Freiburg, Germany  
 Roche User Meeting, Zurich, Switzerland (**invited speaker**)  
 FlyingScience, Zoo Basel, Switzerland (**public**)  
 Biocenter, University of Munich, Germany  
 Naturforschende Gesellschaft and Volkshochschule, Glarus, Switzerland (**public**)  
 Department of Zoology, University of Bern, Switzerland
- 2008** Zoological Institute, University of Cologne, Germany  
 BioValley College Day, Basel, Switzerland (**invited speaker**)  
 Bernhard Rensch Summer School, Meeresbiologische Wattstation Carolinensiel, Germany (**invited speaker**)  
 Swiss Federal Institute of Aquatic Sciences and Technology, Dübendorf, Switzerland  
 University of Siegen, Germany  
 Zoological Institute, University of Bern, Switzerland  
 Department of Environmental Sciences, University of Basel, Switzerland (**inaugural lecture**)
- 2007** Evolution and School workshop, University of Cologne, Germany  
 Department of Biology, University of Trier, Germany  
*Macostromum* meeting, Basel, Switzerland (**invited speaker**)  
 Swiss Federal Institute of Aquatic Science and Technology, Kastanienbaum, Switzerland  
 Department of Ecology and Evolution, University of Fribourg, Switzerland
- 2006** Hochrein seminar, Waldshut, Germany (**public**)  
 ESF Exploratory workshop, University of Norwich, UK (**invited speaker**)  
 Volkshochschule Bregenz, Austria (**public**)  
 Natural History Museum, Vienna, Austria  
 Department of Ecology and Evolution, University of Lausanne, Switzerland  
 Department of Biology, University of Erlangen, Germany
- 2005** Institute of Zoology, University of Basel, Switzerland  
 German Biologists Association (vdbiol), Dresden, Germany (**public**)  
 Ecological Genetics conference, Antwerp, Belgium (**invited speaker**)  
 Department of Zoology, University of Zurich, Switzerland  
 Swiss Federal Institute of Aquatic Science and Technology, Kastanienbaum, Switzerland  
 Department of Ecology and Evolution, University of Frankfurt, Germany  
 Geomar, Kiel, Germany
- 2004** Cichlid workshop, Radcliffe Institute for Advanced Study, Harvard University, USA (**invited speaker**)
- 2003** Ecological Genetics conference, Leuven, Belgium (**invited speaker**)
- 2002** Institute of Zoology, University of Graz, Austria
- 2000** Department of Biology, University of Konstanz, Germany

- 1999 Institute of Limnology, Austrian Academy of Sciences, Mondsee, Austria
- 1998 Natural History Museum, Vienna, Austria

## ORGANIZATION OF MEETINGS/SYMPOSIA/WORKSHOPS

- 2016- **"Workshop on Population and Speciation Genomics"**  
Cesky Krumlov, Czech Republic (Co-Director)
- 2016 **"Scientific Drilling Workshop"**  
University of Basel (Co-Organizer with Prof. Andrew S. Cohen)
- 2015 **"Genomic tools to study the diversity of African cichlid fishes"**  
University of Basel
- 2015 **"Workshop on Molecular Evolution"**  
Cesky Krumlov, Czech Republic (Co-Director)
- 2013 **Symposium "The order of things"**  
Society for Molecular Biology and Evolution (SMBE), Puerto Rico (with Astrid Böhne and Ingo Braasch)
- 2013 **Symposium "Lake Tanganyika"**  
Pan-African Fish Meeting, Bujumbura, Burundi (co-organizer)
- 2013 **Biology13**  
Swiss conference for Organismal Biology, Basel, Switzerland (co-organizer)
- 2011 **Symposium "Parallel Evolution"**  
European Society for Evolutionary Biology (ESEB), Tübingen, Germany (with Moritz Muschick)
- 2005 **Symposium "Natural Hybridization and Speciation"**  
European Society for Evolutionary Biology (ESEB), Krakow, Poland (with Axel Meyer)

## TEACHING

- 2014- **Seminar "Animal Diversity and Evolution"**  
University of Basel
- 2013- **Species identification in Zoology (part: fishes)**  
University of Basel
- 2013-2015 **Course "Environment and Life in Africa"**  
University of Basel
- 2009- **Student excursions to Nicaragua and Africa**  
University of Basel
- 2009 **Guarda Workshop**  
University of Basel
- 2008- **Block Course "Zoology and Evolution"**  
University of Basel
- 2007- **Lecture "Evolutionary Biology"**  
parts "Phylogenetics", "Adaptive Radiation", "Speciation"; University of Basel
- 2007- **Lecture "Molecular Evolution" (now: "Evolutionary Genetics")**  
University of Basel
- 2006 **Practical Course "Experimental Design", "Genetics"**  
University of Lausanne
- 2003-2006 **Lecture "Introduction to Evolution"**  
lectures "Molecular Evolution", "Phylogeography", "Classifications"; University of Konstanz
- 2002-2006 **Lecture "Introduction to Zoology - Vertebrates"**  
lectures "Bony Fishes", "Amphibia", "Reptiles", "Birds" (in German); University of Konstanz

**2002-2006    Advanced Course “Evolution”**

lectures “Phylogeography”, “Molecular Markers and Phylogenetic Reconstruction”, “Genomics”, “DNA libraries and cDNA microarrays” (in English); University of Konstanz

**1998-2001    Teaching assistant**

“Vertebrates”, “Invertebrates”, “Molecular Methods”, “Phylogenetics and Population Genetics”;  
University of Innsbruck

## **SUPERVISION OF STUDENTS**

**Doctoral/PhD Theses (completed)**

- ▶ Michael Matschiner (2011)
- ▶ Moritz Muschick (2011)
- ▶ Emilia Santos (2012)
- ▶ Eveline Diepeveen (2013)
- ▶ Corina Heule (2013)
- ▶ Britta S. Meyer (2014)
- ▶ Adrian Indermaur (2014)
- ▶ Anya Theis (2014)
- ▶ Fabio Cortesi (2014)
- ▶ Marius Röstli (2014; co-supervision with Daniel Berner, University of Basel)
- ▶ Marco Colombo (2015)
- ▶ Dario Moser (2015; co-supervision with Daniel Berner, University of Basel)
- ▶ Langyu Gu (2016)
- ▶ Madlen Stange (2017; co-supervision with Marcelo Sanchez-Villagra, University of Zurich)
- ▶ Isabel Keller (2017; co-supervision with Olivia Roth, Geomar, Kiel, Germany)
- ▶ Jelena Rajkov (2018)
- ▶ Lukas Widmer (2019)
- ▶ Fabrizia Ronco (2019)
- ▶ Barbara Berli (2020)
- ▶ Athimed El Taher (2020)
- ▶ Nicolas Lichillin (2021; co-supervision with Dr. Astrid Böhne)

**Doctoral/PhD Theses (in progress)**

- ▶ Charlotte Huyghe
- ▶ Marcos Da Silva
- ▶ Virginie Ricci

**Master Theses (completed)**

- ▶ University of Basel: Lia Albergati, Judith Bachmann, Anna Boila, Tania Bosia, Vasco Campos, Romina Celozzi, Marco Colombo, Anna Eberhard, Simon Egger, Natacha Espirito Santos, Caroline Göppert, Julia De Maddalena, Corina Heule, Elia Heule, Xenia Ehrensperger, Adrian Indermaur, Fabienne Kim, Yuri Kläfiger, Riccardo Lamano, Michaela Maurer, Aeneas Meier, Dario Moser, Florian Meury, Thomas Näf, Nils Niepagen, Robin Kovac, Benjamin Küng, Gaëlle Pauquet, Michael Rechsteiner, Christian Riesterer, Fabrizia Ronco, Marius Röstli, Vivien Rothenberger, Sereina Rutschmann, Niklas Simon, Kolja Smailus, Jennifer Spears, Anya Theis, Alexandra Viertler, Marisa Zubler
- ▶ University of Lausanne: Gregory Antonin, Simone Voldrich

**Bachelor Theses (co-supervised)**

- ▶ University of Konstanz: Johannes Engelken, Marina Lehmann

**Master Theses (co-supervised)**

- ▶ University of Innsbruck: Anita Brandstätter, Bernd Egger, Ursula Heinz, Stephan Koblmüller, Kathrin Niedermayr
- ▶ University of Konstanz: Ingo Braasch, Tanja Mack, Moritz Muschick, Frauke Münzel, Chiara Reggio, Nicol Siegel, Kai Stölting
- ▶ University of Basel: Michael Matschiner, Martin Gschwind, Madlen Stange

**Doctoral/PhD Theses (co-supervised)**

- ▶ Maseno University, Kenya, and University of Konstanz: Romulus Abila
- ▶ University of Konstanz: Celine Clabaut, Dirk Steinke

## COLLABORATIONS (past and ongoing)

- ▶ Romulus Abila, Maseno University, Maseno, Kenya
- ▶ Markus Affolter, Biozentrum, University of Basel, Switzerland
- ▶ Marcus Clauss, University of Zurich, Switzerland
- ▶ Christoph Dehio, Biozentrum, University of Basel, Switzerland
- ▶ Richard Durbin, Cambridge, UK
- ▶ Reinhold Hanel, von Thünen Institute, Hamburg, Germany
- ▶ Arndt van Haeseler, Center for Integrative Bioinformatics, Austria, Vienna
- ▶ Hans Hofmann, University of Texas at Austin, USA
- ▶ Kjetill Jakobsen, CEES, University of Oslo, Norway
- ▶ Sissel Jentoft, CEES, University of Oslo, Norway
- ▶ Ansgar Kahmen, University of Basel, Switzerland
- ▶ Henrik Kaessmann, University of Heidelberg, Germany
- ▶ Stephan Koblmüller, University of Graz, Austria
- ▶ Peter Ladurner, University of Innsbruck, Austria
- ▶ Moritz Lehman, University of Basel, Switzerland
- ▶ Justin Marshall, Queensland Brain Institute, Australia
- ▶ Robert D. Martin, The Field Museum, Chicago, USA
- ▶ Catarina Mateus, University of Lisbon, Portugal
- ▶ Axel Meyer, University of Konstanz, Germany
- ▶ Lara Modolo, Institute of Anthropology, University of Zurich, Switzerland
- ▶ Zuzana Musilova, Charles University, Prague, Czech Republic
- ▶ Patrik Nosil, University of Sheffield, UK
- ▶ Olivia Roth, Geomar, Kiel, Germany
- ▶ Marcelo Sanchez-Villagra, University of Zürich, Switzerland
- ▶ Manfred Schartl, University of Würzburg, Germany
- ▶ Robert Schelly, Natural History Museum, New York, USA
- ▶ Kristina Sefc, University of Graz, Austria
- ▶ Jos Snoeks, Royal Museum for Central Africa and University of Leuven, Belgium
- ▶ Todd Streebman, Georgia Tech, USA
- ▶ Christian Sturmbauer, University of Graz, Austria
- ▶ Erik Verheyen, Royal Belgian Institute of Natural Sciences, Brussels, Belgium

## EXPEDITIONS AND FIELD TRIPS

2020	Lake Tanganyika, East Africa (4 weeks)
2019	Lake Tanganyika, East Africa (2x4 weeks)
2018	Lakes Tanganyika and Malawi, East Africa (4 weeks)
2017	Lake Tanganyika, East Africa (2x4 weeks)
2016	Lizard Island, Great Barrier Reef, Australia (1x2 weeks)
2016	Lake Tanganyika, East Africa (1x2 weeks; 1x5 weeks)
2015	Lake Tanganyika, East Africa (1x4 weeks; 2x5 weeks)
2014	Lake Tanganyika, East Africa (2x4 weeks; 1x2 weeks)
2013	Lake Tanganyika, East Africa (1x6 weeks; 1x2 weeks)
2012	Lake Tanganyika, East Africa (3 weeks)
2011	Lake Tanganyika, East Africa (2x3 weeks)
2010	Lake Tanganyika, East Africa (3 weeks)
2009	Nicaragua, Central America (3 weeks)
2008	Lake Tanganyika, East Africa (3 weeks)
2007	Lake Tanganyika, East Africa (3 weeks)
2005	Nicaragua, Central America (5 weeks)
2004	Lake Tanganyika and Lake Victoria, East Africa (4 weeks)
2003	Nicaragua, Central America (5 weeks)
2003	Benin, West Africa (2 weeks)
2001	Lake Tanganyika, East Africa (4 weeks)
2000	Lake Tanganyika, East Africa (4 weeks)
1999	Lake Tanganyika, East Africa (6 weeks)

## LIST OF PUBLICATIONS

### Publications in peer-reviewed scientific journals:

- (1) Sturmbauer C, S Baric, W Salzburger, L Rüber & E Verheyen (2001) Lake level fluctuations synchronize genetic divergences of cichlid fishes in African lakes. ***Molecular Biology and Evolution*** 18: 144–154.
- (2) Salzburger W, A Meyer, S Baric, E Verheyen & C Sturmbauer (2002) Phylogeny of the Lake Tanganyika cichlid species flock and its relationship to the Central- and East-African haplochromine cichlid fish faunas. ***Systematic Biology*** 51: 113–135.
- (3) Salzburger W, S Baric & C Sturmbauer (2002) Introgressive hybridization in East African cichlids? ***Molecular Ecology*** 11: 619–625.
- (4) Salzburger W, J Martens & C Sturmbauer (2002) Paraphyly of the blue tit (*Parus caeruleus*) suggested from cytochrome *b* sequences. ***Molecular Phylogenetics and Evolution*** 24: 19–25.
- (5) Salzburger W, J Martens, AA Nazarenko, YH Sun, R Dallinger & C Sturmbauer (2002) Phylogeography of the Eurasian willow tit (*Parus montanus*) based on sequences of the mitochondrial cytochrome *b* gene. ***Molecular Phylogenetics and Evolution*** 24: 26–34.
- (6) Baric S, W Salzburger & C Sturmbauer (2003) Phylogeography and evolution of the Tanganyikan cichlid genus *Tropheus* based upon mitochondrial DNA sequences. ***Journal of Molecular Evolution*** 56: 54–68.
- (7) Verheyen E, W Salzburger, J Snoeks & A Meyer (2003) On the origin of the superflock of cichlid fishes from Lake Victoria, East Africa. ***Science*** 300: 325–329 (journal cover).
- (8) Sturmbauer C, U Hainz, S Baric, E Verheyen & W Salzburger (2003) Molecular phylogeny of the Tropheini: Synchronized explosive speciation producing multiple evolutionary parallelisms. ***Hydrobiologia*** 500: 51–64.
- (9) Salzburger W, A Brandstätter, A Gilles, W Parson, M Hempel, C Sturmbauer & A Meyer (2003) The phylogeography of the vairone (*Leuciscus souffia*, Risso, 1826) in Central Europe. ***Molecular Ecology*** 12: 2371–2386.
- (10) Koblmüller S, W Salzburger & C Sturmbauer (2004) Evolutionary relationships in the sand-dwelling cichlid lineage of Lake Tanganyika suggest multiple colonization of rocky habitats and convergent origin of biparental mouthbrooding. ***Journal of Molecular Evolution*** 58: 79–96.
- (11) Egger B, M Meekan, W Salzburger, L Mwape, L Makasa, R Shapola & C Sturmbauer (2004) Validation of periodicity of increment formation in otoliths of an African cichlid fish species from Lake Tanganyika, Eastern Africa. ***Journal of Fish Biology*** 64: 1272–1284.
- (12) Abila R, M Barluenga, J Engelken, A Meyer & W Salzburger (2004) Population-structure of a haplochromine cichlid fish from a satellite lake of Lake Victoria. ***Molecular Ecology*** 13: 2589–2602.
- (13) Steinke D, W Salzburger & A Meyer (2004) EverEST – a phylogenomic EST database approach. ***Phyloinformatics*** 6: 1–4.
- (14) Brandstätter A, W Salzburger & C Sturmbauer (2005) Mitochondrial phylogeny of the Cyprichromini, a lineage of open-water cichlid fishes endemic to Lake Tanganyika, East Africa. ***Molecular Phylogenetics and Evolution*** 34: 382–391.
- (15) Salzburger W, T Mack, E Verheyen & A Meyer (2005) Out of Tanganyika: Genesis, explosive speciation, key-innovations and phylogeography of the haplochromine cichlid fishes. ***BMC Evolutionary Biology*** 5: 17.
- (16) Modolo L, W Salzburger & RD Martin (2005) Phylogeography of barbary macaques (*Macaca sylvanus*) and the origin of the Gibraltar colony. ***Proceedings of the National Academy of Sciences USA*** 102: 7392–7397.
- (17) Steinke D, M Vences, W Salzburger & A Meyer (2005) TaxI – A software tool for DNA barcoding using distance methods. ***Philosophical Transaction of the Royal Society of London*** 360: 1975–1980.
- (18) Clabaut C, W Salzburger & A Meyer (2005) Comparative phylogenetic analysis of Lake Tanganyika cichlids using mitochondrial and nuclear DNA segments. ***Journal of Molecular Evolution*** 61: 666–681 (journal cover).
- (19) Schelly R, W Salzburger, S Koblmüller, N Duftner & C Sturmbauer (2006) Phylogenetic relationships of the lamprologine cichlid genus *Lepidiodlamprologus* (Teleostei: Perciformes) based on mitochondrial and nuclear sequences, suggesting introgressive hybridization. ***Molecular Phylogenetics and Evolution*** 38: 426–438.
- (20) Salzburger W, H Niederstätter, A Brandstätter, B Berger, W Parson, J Snoeks & C Sturmbauer (2006) Color-assortative mating in the cichlid species *Tropheus moorii* from Lake Tanganyika, East Africa. ***Proceedings of the Royal Society London B*** 273: 257–266.
- (21) Lang M, T Miyake, I Braasch, D Tinnemore, N Siegel, W Salzburger, CT Amemiya & A Meyer (2006) A BAC library for the East African haplochromine cichlid fish *Astatotilapia burtoni*. ***Journal of Experimental Zoology (MDE)*** 360B: 35–44 (journal cover).

- (22) Barluenga M<sup>✉</sup>, KN Stoelting<sup>✉</sup>, W Salzburger<sup>✉</sup>, M Muschick & A Meyer (2006) Sympatric speciation in Nicaraguan crater lake cichlid fish. **Nature** 439: 719-724.
- (23) Meyer A, W Salzburger & M Schartl (2006) Sexual selection driven hybrid origin of a new species of swordtail (Teleostei: *Xiphophorus*). **Molecular Ecology** 15: 721-730.
- (24) Steinke D, W Salzburger, I Braasch & A Meyer (2006) Many genes in fish have species-specific asymmetric rates of molecular evolution. **BMC Genomics** 7: 20.
- (25) Braasch I, W Salzburger & A Meyer (2006) Asymmetric evolution in two fish-specifically duplicated receptor tyrosine kinase paralogs involved in teleost coloration. **Molecular Biology and Evolution** 23: 1192-1202.
- (26) Luo J, M Lang, W Salzburger, N Siegel, KN Stoelting & A Meyer (2006) A BAC library for the goldfish *Carassius auratus auratus* (Cyprinidae, Cypriniformes). **Journal of Experimental Zoology (MDE)** 306B: 567-574.
- (27) Steinke D, W Salzburger & A Meyer (2006) Novel relationships among ten fish model species revealed based on a phylogenomic analysis using ESTs. **Journal of Molecular Evolution** 62: 722-784 (journal cover).
- (28) Koblmüller S, C Sturmbauer, E Verheyen, A Meyer & W Salzburger (2006) Mitochondrial phylogeny and phylogeography of East African squeaker catfishes (Siluriformes: *Synodontis*). **BMC Evolutionary Biology** 6: 49.
- (29) Sefc KM, S Baric, W Salzburger & C Sturmbauer (2007) Species-specific population structure in rock-specialist cichlid fishes in Lake Tanganyika. **Journal of Molecular Evolution** 64: 33-49.
- (30) Clabaut C, PME Bunje, W Salzburger & A Meyer (2007) Geometric morphometric analyses provide evidence for the adaptive character of the Tanganyikan cichlid radiation. **Evolution** 61: 560-578 (journal cover).
- (31) Gavrilits S, A Vose, M Barluenga, W Salzburger & A Meyer (2007) Case studies and mathematical models of ecological speciation: Cichlids in a crater lake. **Molecular Ecology** 16: 2893-2909.
- (32) Siegel N, S Hoegg, W Salzburger, I Braasch & A Meyer (2007) Comparative genomics of ParaHox clusters of teleost fishes: gene cluster breakup and the retention of gene sets following whole genome duplication. **BMC Genomics** 8: 312.
- (33) Münzel F, M Sanetra, W Salzburger & A Meyer (2007) Microsatellites from the vairone *Leuciscus souffia* (Pisces: Cyprinidae) and their application to closely related species. **Molecular Ecology Notes** 7: 1048-1050.
- (34) Duftner N, KM Sefc, S Koblmüller, W Salzburger, M Taborsky & C Sturmbauer (2007) Parallel evolution of facial stripe patterns in the *Neolamprologus brichardi/pulcher* species complex endemic to Lake Tanganyika. **Molecular Phylogenetics and Evolution** 45: 706-715.
- (35) Salzburger W<sup>✉</sup>, I Braasch<sup>✉</sup> & A Meyer (2007) Adaptive sequence evolution in a color gene involved in the formation of the characteristic egg-dummies of male haplochromine cichlid fishes. **BMC Biology** 5: 51.
- (36) Salzburger W<sup>✉</sup>, SCP Renn<sup>✉</sup>, D Steinke<sup>✉</sup>, I Braasch, HA Hofmann & A Meyer (2008) Annotation of expressed sequence tags for the East African cichlid fish *Astatotilapia burtoni* and evolutionary analyses of cichlid ORFs. **BMC Genomics** 9: 96.
- (37) Abila R, W Salzburger, MF Ndonga, DO Owiti, M Barluenga & A Meyer (2008) The role of the Yala swamp lakes in the conservation of Lake Victoria region haplochromine cichlids: evidence from genetic and trophic ecology studies. **Lakes and Reservoirs: Research and Management** 13: 95-104.
- (38) Matschiner M & W Salzburger (2009) TANDEM: integrating automated allele binning into genetics and genomics workflows. **Bioinformatics** 25: 1982-1983.
- (39) Egger B<sup>✉</sup>, D Steinke<sup>✉</sup>, H Tarui<sup>✉</sup>, K De Mulder, D Arendt, G Borgonie, N Funayama, R Gschwentner, V Hartenstein, B Hobmayer, M Hooge, M Hrouda, S Ishida, C Kobayashi, G Kuaes, O Nishimura, D Pfister, R Rieger, W Salvenmoser, J Smith III, U Technau, S Tyler, K Agata, W Salzburger & P Ladurner (2009) To be or not to be a flatworm: The acoel controversy. **PLoS ONE** 4: e5502.
- (40) Matschiner M, R Hanel & W Salzburger (2009) Gene flow by larval dispersal in the Antarctic notothenioid fish *Gobionotothen gibberifrons*. **Molecular Ecology** 18: 2574-2587.
- (41) Salzburger W, D Steinke, I Braasch & A Meyer (2009) Genome diversification in Eutherians: Can gene deserts explain the uneven distribution of genes in placental mammalian genomes? **Journal of Molecular Evolution** 69: 207-216 (journal cover).
- (42) Elmer KR, C Reggio, T Wirth, E Verheyen, W Salzburger & A Meyer (2009) Pleistocene desiccation in East Africa bottlenecked but did not extirpate the adaptive radiation of Lake Victoria haplochromine cichlid fishes. **Proceedings of the National Academy of Sciences USA** 106: 13404-13409.
- (43) Marchetto F, Zaccara S, Muenzel FM & W Salzburger (2010) Phylogeography of the Italian vairone (*Telestes muticellus*, Bonaparte 1837) inferred by microsatellite markers: evolutionary history of a freshwater fish species with a restricted and fragmented distribution. **BMC Evolutionary Biology** 10: 111.



- (44) Lee HJ, Pittlik S, Jones JC, Salzburger W, Barluenga M & A Meyer (2010) Genetic support for random mating between left and right-mouth morphs in the dimorphic scale-eating cichlid fish *Perissodus microlepis* from Lake Tanganyika. **Journal of Fish Biology** 76: 1940–1957.
- (45) Sturmbauer C, Salzburger W, Duftner N, Schelly R & S Koblmüller (2010) Evolutionary history of the Lake Tanganyika cichlid tribe Lamprologini (Teleostei: Perciformes) derived from mitochondrial and nuclear DNA data. **Molecular Phylogenetics and Evolution** 57: 266–284.
- (46) Muenzel FM, Salzburger W, Sanetra M, Grabherr B & A Meyer (2010) Genetic structure of the vairone (*Telestes souffia*, Risso 1826) in the eastern part of Lake Constance, Central Europe. **Journal of Fish Biology** 77: 1158–1164.
- (47) Berner D, Roesti M, Hendry AP & W Salzburger (2010) Constraints on speciation suggested by comparing lake-stream stickleback divergence across two continents. **Molecular Ecology** 19: 4963–4978.
- (48) Engel P, Salzburger W, Liesch M, Chang CC, Maruyama S, Lanz C, Calteau A, Lajus A, Medigue C, Schuster SC & C Dehio (2011) Parallel evolution of a type IV secretion system in radiating lineages of the host-restricted bacterial pathogen *Bartonella*. **PLoS Genetics** 7: e1001296.
- (49) Gunter H, Clabaut C, Salzburger W, Jones JC & A Meyer (2011) Identification and Characterization of Gene Expression Involved in the Coloration of Cichlid Fish Using Microarray and QRT-PCR Approaches. **Journal of Molecular Evolution** 72: 127–137.
- (50) Salzburger W, Ewing GB & A von Haeseler (2011) The performance of phylogenetic algorithms in estimating haplotype genealogies. **Molecular Ecology** 20: 1952–1963.
- (51) Svenson O, Egger B, Gricar B, Woodhouse K, van Oosterhout C, Salzburger W, Seehausen O & GF Turner (2011) Segregation of species-specific male attractiveness in F<sub>2</sub> hybrid Lake Malawi cichlid fish. **International Journal of Evolutionary Biology** 2011: 426179.
- (52) Matschiner M, Hanel R & W Salzburger (2011) On the origin and trigger of the notothenioid adaptive radiation. **PLoS ONE** 6: e18911.
- (53) Koblmüller S, Salzburger W, Obermüller B, Eigner E, Sturmbauer C & K Sefc (2011) Separated by sand, fused by dropping water: habitat barriers and fluctuating water levels steer the evolution of rock-dwelling cichlid populations in Lake Tanganyika. **Molecular Ecology** 20: 2272–2290.
- (54) Heule C & W Salzburger (2011) The ontogenetic development of egg-spots in the haplochromine cichlid fish *Astatotilapia burtoni*. **Journal of Fish Biology** 78: 1588–1593.
- (55) Muschick M, M Barluenga, W Salzburger & A Meyer (2011) Adaptive phenotypic plasticity in the Midas cichlid fish pharyngeal jaw and its relevance in adaptive radiation. **BMC Evolutionary Biology** 11: 116.
- (56) Baldo L, ME Santos & W Salzburger (2011) Comparative transcriptomics of Eastern African cichlid fishes shows signs of positive selection and a large contribution of untranslated regions to genetic diversity. **Genome Biology and Evolution** 3: 443–455.
- (57) Kualess G, De Mulder K, Glashauser J, Salvenmoser W, Takshima S, Hartenstein V, Berezikov E, Salzburger W & P Ladurner (2011) *Boule*-like genes regulate male and female gametogenesis in the flatworm *Macrostomum lignano*. **Developmental Biology** 357: 117–132.
- (58) Rutschmann S, Matschiner M, Demerau M, Muschick M, Lehmann MF, Hanel R & W Salzburger (2011) *Parallel ecological diversification in Antarctic notothenioid fishes as evidence for adaptive radiation*. **Molecular Ecology** 20: 4707–4721 (journal cover).
- (59) Egger B, Y Klaefiger, A Theis & W Salzburger (2011) A sensory bias has triggered the evolution of egg-spots in cichlid fishes. **PLoS ONE** 6: e25601.
- (60) Diepeveen ET & W Salzburger (2011) Molecular characterization of two endothelin pathways in East African cichlid fishes. **Journal of Molecular Evolution** 73: 355–368.
- (61) Theis A, W Salzburger & B Egger (2012) The function of anal fin egg-spots in the cichlid fish *Astatotilapia burtoni*. **PLoS ONE** 7: e29878.
- (62) Damerau M, M Matschiner, W Salzburger & R Hanel (2012) Comparative population genetics of seven notothenioid fish species reveals high levels of gene flow along ocean currents in the southern Scotia Arc, Antarctica. **Polar Biology** 35: 1073–1086.
- (63) Dittmann MT, M Roesti, A Indermaur, M Colombo, M Gschwind, I Keller, R Kovac, M Barluenga, M Muschick & W Salzburger (2012) Depth-dependent abundance of Midas Cichlid fish (*Amphilophus* sp.) in two Nicaraguan crater lakes. **Hydrobiologia** 686: 277–285.



- (64) Roesti M, A Hendry, W Salzburger & D Berner (2012) Genome divergence during evolutionary diversification as revealed in replicate lake-stream stickleback population pairs. **Molecular Ecology** 21: 2852–2862 (journal cover).
- (65) Egger B, KM Sefc, L Makasa, C Sturmbauer & W Salzburger (2012) Introgressive hybridization between color morphs in a population of cichlid fishes twelve years after human-induced secondary admixis. **Journal of Heredity** 103:515–522.
- (66) Roth O, I Keller, S Landis, W Salzburger & T Reusch (2012) Hosts are ahead in a marine host-parasite coevolutionary arms race: innate immune system adaptation in pipefish *Syngnathus typhle* against *Vibrio* phylotypes. **Evolution** 66: 2528–2539.
- (67) Meyer BS & W Salzburger (2012) A novel primer set for multilocus phylogenetic inference in East African cichlid fishes. **Molecular Ecology Resources** 12: 1097–1104.
- (68) Roesti M, W Salzburger & D Berner (2012) Uninformative polymorphisms bias genome scans for signatures of selection. **BMC Evolutionary Biology** 12: 94.
- (69) Muschick M, A Indermaur & W Salzburger (2012) Convergent evolution within an adaptive radiation of cichlid fishes. **Current Biology** 22: 2362–2368.
- (70) Colombo M, ET Diepeveen, M Muschick, ME Santos, A Indermaur, N Boileau, M Barluenga & W Salzburger (2013) The ecological and genetic basis of convergent thick-lipped phenotypes in cichlid fishes. **Molecular Ecology** 22: 670–684.
- (71) Loh YHE, E Bezault, FM Muenzel, RB Roberts, R Swofford, M Barluenga, CE Kidd, AE Howe, F Di Palma, K Lindblad-Toh, J Hey, O Seehausen, W Salzburger, TD Kocher & JT Strelman (2013) Origins of shared variation in East African cichlids. **Molecular Biology and Evolution** 30: 906–917.
- (72) Mateus CS, M Stange, D Berner, M Roesti, BR Quintella, MJ Alves, PR Almeida & W Salzburger (2013) Strong genome-wide divergence between sympatric European river and brook lampreys. **Current Biology** 23: R649–650.
- (73) Diepeveen ET, F Kim & W Salzburger (2013) Sequence analyses of the distal-less homeobox gene family in East African cichlid fishes reveal signatures of positive selection. **BMC Evolutionary Biology** 13: 153.
- (74) Wilson LAB, M Colombo, R Hanel, W Salzburger & MR Sanchez-Villagra (2013) Ecomorphological disparity in an adaptive radiation: opercular bone shape and stable isotopes in Antarctic icefishes. **Ecology and Evolution** 3: 3166–3182.
- (75) Böhne A, C Heule, N Boileau & W Salzburger (2013) Expression and sequence evolution of aromatase *cyp19a1* and other sexual development genes in East African cichlid fishes. **Molecular Biology and Evolution** 30: 2268–2285.
- (76) Diepeveen ET, O Roth & W Salzburger (2013) Immune-related functions of the *hivep* gene family in East African cichlid fishes. **Genes, Genomes, Genetics** 3: 2205–2217.
- (77) Damerau M, M Matschiner, W Salzburger & R Hanel (2014) Population divergence despite long pelagic larval stages: lessons from crocodile icefishes (Channichthyidae). **Molecular Ecology** 23: 284–299.
- (78) Berner D, D Moser, M Roesti, H Buescher & W Salzburger (2014) Genetic architecture of skeletal evolution in European lake and stream stickleback. **Evolution** 68: 1792–1805.
- (79) Roesti M, S Gavrillets, A Hendry, W Salzburger & D Berner (2014) The genomic signature of parallel adaptation from shared genetic variation. **Molecular Ecology** 23: 3944–3956 (journal cover).
- (80) Brawand D, CE Wagner, YI Li, M Malinsky, I Keller, S Fan, O Simakov, AY Ng, ZW Lim, E Bezault, J Turner-Maier, J Johnson, R Alcazar, HJ Noh, P Russell, B Aken, J Alfoldi, C Amemiya, N Azzouzi, J-F Baroiller, F Barloy-Hubler, A Berlin, R Bloomquist, KL Carleton, ME Conte, H D’Cotta, O Eshel, L Gaffney, F Galibert, HF Gante, S Gnerre, L Greuter, R Guyon, NS Haddad, W Haerty, RN Harris, HA Hofmann, T Hourlier, G Hulata, DB Jaffe, M Lara, AP Lee, I MacCallum, S Mwaiko, M Nikaido, H Nishihara, C Ozouf-Costaz, DJ Penman, D Przybylski, M Rakotomanga, SCP Renn, FJ Ribeiro, M Ron, W Salzburger, L Sanchez-Pulido, ME Santos, S Searle, T Sharpe, R Swofford, FJ Tan, L Williams, S Young, S Yin, N Okada, TD Kocher, EA Miska, ES Lander, B Venkatesh, RD Fernald, A Meyer, CP Ponting, JT Strelman, K Lindblad-Toh, O Seehausen & F Di Palma (2014) The genomic substrate for adaptive radiation in African cichlid fish. **Nature** 513: 375–381.
- (81) Heule C, C Göppert, W Salzburger & A Böhne (2014) Genetics and timing of sex determination in the East African cichlid fish *Astatotilapia burtoni*. **BMC Genetics** 15: 140.
- (82) Muschick M, P Nosil, M Roesti, MT Dittmann, L Harmon & W Salzburger (2014) Testing the stages model in the adaptive radiation of cichlid fishes in East African Lake Tanganyika. **Proceedings of the Royal Society London B** 281: 20140605.
- (83) Damerau M, W Salzburger & R Hanel (2014) Population genetic structure of *Lepidonotothen larseni* revisited: *cyb* and microsatellites suggest limited connectivity in the Southern Ocean. **Marine Ecology Progress Series** 517: 251–263.
- (84) Böhne A, T Sengstag & W Salzburger (2014) Comparative transcriptomics in East African cichlids reveals sex and species-specific expression and new candidates for sex differentiation in fishes. **Genome Biology and Evolution** 6: 2567–2585.
- (85) Santos ME, I Braasch, N Boileau, BS Meyer, L Sauter, A Böhne, H-G Belting, M Affolter & W Salzburger (2014) The evolution

of cichlid fish egg-spots is linked with a *cis*-regulatory change. **Nature Communications** 5: 5149.

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✉equal contribution

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journal cover gallery



Evolution. **Hotspot** 19: 12–13.

- (10) Salzburger W (2009) Über die Entstehung der Arten. **Uni Nova** 111: 9–11.
- (11) Salzburger W (2012) Evolution in Darwins Traumseen: Die adaptiven Radiationen der Buntbarsche in Ostafrika. **Zoologie: Mitteilungen der Deutschen Zoologischen Gesellschaft** 2012: 28–34 (**journal cover**).
- (12) Salzburger W (2012) Leben und forschen am Tanganjikasee. **Uni Nova** 119:43–44.
- (13) Berli BI & W Salzburger (2019) Phylogeographie und Populationsstruktur der Bachforellen (*Salmo trutta*) und Europäischen Äschen (*Thymallus thymallus*) in der Region Basel. **Regio Basiliensis** 60: 97–107.

#### Selected publications discussing our research:

- ▶ Kocher TD (2003) Fractious phylogenies. **Nature** 423: 489–491 (**News & Views**).
- ▶ Dawkins R (2004) *The ancestor's tale: A Pilgrim to the Dawn of Life*. Weidenfeld & Nicolson (pp. 281–287).
- ▶ Hopkin M (2006) One place, one parent, two species. **Nature** 439: 640–641 (**News**).
- ▶ Pennisi E (2006) Speciation standing in place. **Science** 311: 1372–1374 (**NewsFocus**).
- ▶ Ortiz-Barrientos D & LH Rieseberg (2006) Splitting when together. **Heredity** 97: 2–3 (**News and Commentary**)
- ▶ Jiggins CD (2006) Sympatric speciation: why the controversy? **Current Biology** 16: 333–334 (**Dispatch**).
- ▶ Arnold ML (2006) *Evolution through genetic exchange*. Oxford University Press (pp. 74–75).
- ▶ Spinney L (2010) Dreampond revisited. **Nature** 466: 174–175.
- ▶ Ingram T & DL Mahler (2011) Niche diversification follows key innovation in Antarctic fish radiation. **Molecular Ecology** 20: 4590–4591 (**Perspective**).
- ▶ Nosil P & JL Feder (2012) Widespread yet heterogeneous genomic divergence. **Molecular Ecology** 21: 2829–2832 (**Perspective**).
- ▶ Gillespie RG (2013) Adaptive Radiation: convergence and non-equilibrium. **Current Biology** 23: R71–74 (**Dispatch**).
- ▶ Welch JJ & CD Jiggins (2014) Standing and flowing: the complex origins of adaptive variation. **Molecular Ecology** 23: 3935–3937 (**Perspective**).
- ▶ Jiggins CD (2014) Evolutionary Biology: Radiating genomes. **Nature** 513: 318–319 (**News & Views**).
- ▶ Harris RM & HA Hofmann (2015) Seeing is believing: Dynamic evolution of gene families. **Proceedings of the National Academy of Sciences USA** 112: 1252–1253 (**Commentary**).
- ▶ O'Connor CM (2015) Dusky dottyback actors avoid typecasting. **The Journal of Experimental Biology** 218: 1979–1980.
- ▶ Parham P (2016) How the codfish changed its immune system. **Nature Genetics** 48: 1103–1104 (**News & Views**).
- ▶ Owens GL & DJ Rennison (2017) Evolutionary ecology of opsin gene sequence, expression and repertoire. **Molecular Ecology** 26: 1207–1210 (**Perspective**).
- ▶ Spagopoulou F & MPK Blom (2018) Life history evolution in Darwin's dream ponds. **Evolution** 72: 1186–1188 (**Digest**).
- ▶ McGrath C (2018) Big surprises from the world's smallest fish. **Genome Biology and Evolution** 10: 1104–1105 (**Highlight**).
- ▶ Pennisi E (2019) Jeepers, creatures, where'd you get those peepers? **Science** 364: 520 (**In Depth**).

#### Media appearance (selected; print):

- ▶ Einwanderer. Neues zur Evolution der Buntbarsche im Victoria-See. **SpektrumDirekt** (D), 2003/03/20
- ▶ Biologen lüften ein Geheimnis. **Südkurier** (D), 2003/03/21, by Frank van Bebber
- ▶ Fischvielfalt kommt aus der Nachbarschaft. **Spiegel Online** (D), 2003/03/22, by Alexander Stirn
- ▶ Debating the fastest evolution on record. **GeoTimes** (USA), 2003/04/25, by Greg Peterson
- ▶ Inseln im Festland. **Der Spiegel** (D), 2003/05/22, by Philip Bethge
- ▶ Jung, aber mitten drin. **Südkurier** (D), 2003/07/10, by Frank van Bebber
- ▶ Strömer kam auf Umwegen. **Südkurier** (D), 2003/09/04, by Frank van Bebber
- ▶ Attraktiver Ankerplatz am See. **Süddeutsche Zeitung** (D), 2004/02/16, by Wulf Reimer
- ▶ Korruption in Entwicklungsländern: Schmierer für die Forschung? **Laborjournal** (D) 10/2004 by Brynja Adam-Radmanic
- ▶ Sparen und Erhalten für die Umwelt. **Südkurier** (D), 2004/11/25
- ▶ LBS-Umweltpreis für einen Physiker und einen Biologen. **uni'kon** (D) 17/2005 by Maria Schorpp
- ▶ World War II's monkey mystery solved. **MS-NBC** (USA), 2005/04/25, by Robert Roy Britt
- ▶ Barbary apes out of Africa. **The Guardian** (GB), 2005/04/26, by Tim Radford
- ▶ Doppelter Nachschub. **Die Zeit online** (D), 2005/04/26, by Andreas Jahn
- ▶ Monkey business solved in Gibraltar. **Neue Züricher Zeitung** (international) (CH), 2005/04/26
- ▶ Der Stammbaum der Gibraltar-Affen. **Frankfurter Allgemeine Zeitung** (D), 2005/04/27
- ▶ Salems Affen haben Familie. **Südkurier** (D), 2005/04/30, by Frank van Bebber

- ▶ Wie kam der Affe auf den Fels? **uni'kon** (D) 19/2005 by Maria Schorpp
- ▶ Der genetische Flossenabdruck. **Südkurier** (D), 2005/05/23, by Frank van Bebber
- ▶ The little fish fight back. **The Guardian** (GB), 2005/08/04, by Laura Spinney
- ▶ Rehabilitierung eines Fishes. **Die Welt** (D), 2005/08/15, by Roland Brockman
- ▶ Speciation in place. **Science** (Science now, online) (USA), 2006/02/08, by Elizabeth Pennisi
- ▶ Aus eins mach zwei. **Südkurier** (D), 2006/02/09, by Frank van Bebber
- ▶ Zwei Fische, ein Vaterland. **Die Zeit** (D), 2006/02/09, by Marieke Degen
- ▶ Aus eins mach zwei am selben Ort. **Süddeutsche Zeitung** (D), 2006/02/10 by Wiebke Rögner
- ▶ Labor der Evolution. **Die Welt** (D), 2006/02/10, by Sonja Kastlan
- ▶ Genetik: Vielfalt im Vaterland. **Die Presse** (A), 2006/02/11, by Jürgen Langenbach
- ▶ Some species evolve side by side. **Discovery Channel Online** (USA), 2006/02/15, by Larry O'Hanlon
- ▶ Palm trees and lake fish dispel doubts about a theory of evolution. **The New York Times** (USA), 2006/02/21, Carl Zimmer
- ▶ Zwei bunte Flügel und die Folgen. **Frankfurter Allgemeine Zeitung** (D), 2006/06/19 by Richard Friebe
- ▶ Wenn Fische fremdgehend. **Südkurier** (D), 2006/07/05, by Frank van Bebber
- ▶ Digitale Bibliothekare. **Laborjournal** (D) 10/2006, by Brynja Adam-Radmanic
- ▶ Walter Salzburger: Der Mitreißende. **Bild der Wissenschaft plus** (D), 11/2006, by Karin Hollricher
- ▶ Oral sex gene helps male fish fake it. **NewScientist.com** (USA), 2007/11/15, by Roxanne Khamisi
- ▶ Oralsex mit Flosse. **Der Spiegel** (D), 2007/11/19
- ▶ Gefleckte Empfängnis. **Frankfurter Allgemeine Sonntagszeitung** (D), 2007/11/18, by Georg Rüschemeyer
- ▶ Ganz schön listig, dieser Fisch-Mann. **Baslerstab** (CH), 2007/11/19
- ▶ Fauler Eiertrick bei Buntbarschen. **Basler Zeitung** (CH), 2007/11/23
- ▶ Zitationsvergleich 2002 bis 2005: Meeres- und Süßwasserforschung. **Laborjournal** (D) 4/2008 by Lara Winckler
- ▶ In Afrika auf Darwins Spuren. **Basler Zeitung** (CH), 2008/08/15 by Martin Hicklin
- ▶ Der Buntbarsch ist, was er frisst. **Oberbadische Zeitung** (D), 2008/08/23 by Jörg Bertsch
- ▶ Buntbarsche brüten ihre Eier im Maul aus. **Tagesanzeiger** (CH) 2008/12/10 by Anke Fossgreen
- ▶ Kurz getäuscht, schon befruchtet. **Basler Zeitung** (CH), 2008/12/31 by Martin Hicklin
- ▶ Darwins Enkel knacken die letzten Rätsel der Evolution. **Aargauer Zeitung** (CH), 2009/02/01 by Katrin Zöfel
- ▶ Turbo-Evolution im Viktoriasee. **Spiegel ONLINE** (D), 2009/07/28
- ▶ Darwins Urenkel. **DATZ** (D), September 2009 by Jannis Ziemek
- ▶ Unsere Abhängigkeit vom Meer. **Engadiner Wochenzeitung** (CH), 2010/07/28 by Barbara Schellenberg
- ▶ Buntbarsche treiben es ganz schön bunt. **20 Minuten** (CH), 2011/01/07 by Corinne Hodel
- ▶ Der Trick, der die Wirte gefügig macht. **Basler Zeitung** (CH), 2011/02/11 by Martin Hicklin
- ▶ Antarktis-Abkühlung führte zum Siegeszug der Eisfische. **Der Standard** (A), 2011/04/25
- ▶ Angepasst ans Leben in extremer Kälte. **20 Minuten** (CH), 2011/11/04, by Martina Huber
- ▶ Zitationsvergleich Meeres- und Süßwasserforschung. **Laborjournal** (D), 04/2012, by Lara Winckler
- ▶ Das Kinderzimmer im Fischmaul. **Tierwelt** (CH), 2013/02/28 (9), by Oliver Loga
- ▶ Urtümliche Neunaugen sind zwei Arten. **Neue Zürcher Zeitung Online** (CH), 2013/08/06
- ▶ Genau angeschaute Neunaugen. **Tages-Anzeiger** (CH), 2013/08/07, by Barbara Reye
- ▶ Biologen lösen Neunaugen-Rätsel. **Spiegel Online** (D), 2013/08/07, by Nina Weber
- ▶ Zum Abschuss freigegeben. **NZZ Campus** (CH), 2013/09/12, by Robin Schwarzbach
- ▶ Die Ungeheuer aus der Tiefe der Meere. **Luzernerzeitung** (CH), 2013/10/27, by Robert Bossart
- ▶ If Darwin could have scuba dived... **ERC Stories Online** (EU), 2014/02/09
- ▶ Darwins Finken unter Wasser: Buntbarsche erklären biologische Vielfalt. **Neue Zürcher Zeitung Online** (CH), 2014/02/14
- ▶ Was Darwin damals begann: Buntbarsche erklären biologische Vielfalt. **Basellandschaftliche Zeitung** (CH), 2014/02/14
- ▶ Barsche erklären Vielfalt. **Badische Zeitung** (D), 2014/02/19
- ▶ Der Evolution der Buntbarsche auf der Spur. **Der Standard** (A), 2014/02/23
- ▶ Erst kommt das Fressen. **ORF AT** (A), 2014/10/01
- ▶ Evolution live. **Zukunft Forschung** (A), 01/15, by Christian Flatz
- ▶ Fische am Great Barrier Reef: Doppelte Täuschung hält besser. **Spiegel Online** (D), 2015/03/20, by Julia Merlot
- ▶ This innocuous-looking reef fish is actually a vicious killer. **Washington Post** (USA), 2015/03/20, by Sarah Kaplan
- ▶ Kleiner Fisch mit grossem Trick. **Blick am Abend** (CH), 2015/03/26, by Andrea Trüb
- ▶ Aus der Trickkiste der Natur: Ein Fish im Schafspelz. **Frankfurter Allgemeine Zeitung online** (D), 2015/04/05 by Reinhard Wandtner
- ▶ Deadly mimicry. **BBC Wildlife** (UK), 05/2015
- ▶ Was macht den Mann zum Tier? **Annabelle** (CH), 7/15
- ▶ Der Barsch im Schafspelz. **ORF.at** (A), 2015/09/24 by Robert Czepel

- ▶ Doppelgänger-Fisch rückt anderen Fischen auf die Schuppen. **Blick.ch** (CH), 2015/09/24
- ▶ Räuberische Buntbarsche tarnen sich als friedliche Verwandte. **derStandard.at** (A), 2015/09/27
- ▶ In Darwin's footsteps. **Uni Nova** (CH), 126/2016 by Christoph Dieffenbacher
- ▶ Die Natur erfindet sich doppelt. **Tierwelt** (CH), 2016/10/6 (40), by Simon Koechlin
- ▶ Afrikanische Zeugen der Evolution. **Bild der Wissenschaft Special** (D)
- ▶ Evolution in der Glaskugel. **Laborjournal** (D) 6/2018, by Hans Zauner
- ▶ Wenn das Maul mal links, mal rechts sitzt. **derStandard.at** (A), 2018/09/30
- ▶ Die Sprache der Fische. **Profil** (A) 30/2018, by Jochen Stadler
- ▶ Die Farben der Dunkelheit. **Der Tagesspiegel** (CH), 2019/05/09.
- ▶ Deep-Sea fish living in almost total darkness 1000s of feet below ocean surface see in color, scientists believe. **Newsweek** (USA), 2019/05/09, by Kashmira Gander
- ▶ Los peces abisales ven en color en el fondo del océano. **El Mundo** (E), 2019/05/10, by Mar De Miguel
- ▶ Ein Tiefseefisch, der Farben sieht. **ORF AT** (A), 2019/05/10
- ▶ New type of highly sensitive colour vision discovered in deep-sea fish. **The Independent** (UK), 2019/05/10, by Phoebe Weston
- ▶ Was guckst Du? **Spiegel Online** (D) 2019/05/10, by Julia Merlot
- ▶ How fish may see color in the deep ocean's darkness. **The New York Times** (USA), 2019/05/10, by JoAnna Klein
- ▶ La direkte argentée voit l'invisible en couleurs. **Le Monde** (F), 2019/05/12, by Nathaniel Herzberg
- ▶ Wie Tiefseefische auch im Dunkeln Farben sehen. **Stuttgarter Zeitung** (D) 2019/05/13
- ▶ In a world cloaked in darkness, these fish may have a unique way of seeing colors. **Los Angeles Times** (USA), 2019/10/13, by Leila Miller
- ▶ Buntbarsche zeigen: Evolution passiert auch schlagartig. **Kurier** (A) 2020/11/18, by Susanne Mauthner-Weber
- ▶ Explosive Artbildung bei Buntbarschen im Tanganjikasee. **derStandard.at** (A), 2020/11/23
- ▶ New fish data reveal how evolutionary bursts create species. **Quanta Magazine** (USA), 2020/12/01, by Elena Renken

#### Media appearance (selected; other than print):

- ▶ Doppelpunkt: Die Kaulquappe in uns. **Schweizer Radio DRS 1** (CH), 2008/06/12, edited by Karin Frei (radio)
- ▶ Hörpunkt: Charles Darwin. **Schweizer Radio DRS 2** (CH), 2009/02/02, edited by Odette Frey (radio)
- ▶ Einstein: Darwin und die Evolution. **Schweizer Fernsehen** (CH), 2009/02/12, edited by Catrin Hofstetter (TV)
- ▶ Jaspers, Portmann, Barth und Reichenstein (mit Kommentaren von Anton Hügli, Walter Salzburger, Georg Pfeleiderer und Daniel Häusslinger). **Merian Verlag** (CH), 2010, edited by Matthias Buschle (audio CD)
- ▶ Grenzen im Tierreich. **DRadio Wissen** (D), 2012/01/27, by Kathrin Zöfel (radio)
- ▶ Einstein: Fisch mit Frostschutz. **Schweizer Fernsehen** (CH), 2012/03/22, edited by Sandra Odermatt (TV)
- ▶ Friedliche Koexistenz. **3sat mediathek** (A, CH, D), 2012/12/12, by Jan Eidloth (TV)
- ▶ Der Barsch im Schafspelz. **OE1** (A), 2015/09/24, by Robert Czepel (radio)
- ▶ Persönlich: Der Evolutionsforscher und die Schmuckdesignerin. **Radio SRF1** (CH), 2018/03/25, presented by Daniela Lager

## PUBLICATIONS METRICS (Google Scholar)

Citations:	12'248 (6'570 since 2016)
h-index:	62 (44 since 2015)
i10-index:	143 (109 since 2015)
date:	September 24 <sup>th</sup> , 2021