

Dr. Michael Gänzle

Education

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| 08/1992 | Master of Science, Oregon State University, Corvallis, USA |
| 10/1994 | Diplom Lebensmittelingenieur, Universität Hohenheim, Stuttgart, Germany |
| 11/1998 | Doctor <i>rerum naturae</i> , Universität Hohenheim, Stuttgart, Germany |
| 08/2003 | Dr. rer. nat. habil, TU München, Freising, Germany |

Professional Experience

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| 12/1998 – 6/2003 | Research Associate at the Technische Universität München |
| 7/2003 – 2/2005 | Assistant Professor at the Technische Universität München |
| 3/2005 – 6/2009 | Assistant Professor, University of Alberta |
| 3/2005- 2/2015 | Canada Research Chair (Tier II) in Food Microbiology and Probiotics |
| 7/2009 – 6/2011 | Associate Professor, University of Alberta |
| 7/2011 - | Full Professor, University of Alberta |
| 3/2013 – 5/2017 | Lecturing Professor at the Hubei University of Technology, Wuhan, China. |
| 7/2013 – 6/2016 | Director of the Division “Food Science and Bioresource Technology”, Dept. of Agricultural, Food and Nutritional Science, University of Alberta. |
| 4/2017 - | Canada Research Chair (Tier I) in Food Microbiology and Probiotics |
| 6/2018 – 5/2023 | Distinguished Professor at the Hubei University of Technology, Wuhan, China |
| 7/2019 – 6/2020 | Director of the Division “Food Science and Bioresource Technology”, Dept. of Agricultural, Food and Nutritional Science, University of Alberta. |
| 11/2021 - | recognized as Clarivate “Highly Cited Researcher” 2021 - 2024 |
| 11/2023 - | Fellow of the Royal Society of Canada (Academy of Sciences) |

Publications:

353 peer-reviewed publications (accepted or printed); 55 non-refereed original article or book chapters, co-editor of two books. These publications were cited more than 24,750 times (h-index of 82; Scopus); 127 invited oral presentations at national and international symposia, academic institutions, or industry workshops. The list of publications in peer-reviewed journals is available at the Scopus author profile at <https://www.scopus.com/authid/detail.uri?authorId=57216288032>

Editorial activities:

Associate Editor of “Frontiers in Microbiology” (since 2010), Frontiers in Nutrition (since 2018) and Food Microbiology (since 2023); Guest editor for Trends in Food Science and Technology, special issue „Sourdough: from fundamentals to applications“ (2003 / 2004); for Food Microbiology, special issue “Sourdough: from tradition to innovation” (2006); for Food Microbiology, special issue “Sourdough: from art to science” (2009); Current Opinion in Food Science, special issue “Fermented foods” (2023).

Member of the editorial boards of the Food Microbiology (2010 - 2023), Applied and Environmental Microbiology (since 2013), Food Research International (2014 - 2019), International Journal of Food Microbiology (since 2016), Engineering (since 2020) and European Food Research and Technology (Since 2023).

Member of the NSERC Evaluation group 1502 (Biological Systems and Functions, 2016 – 2018; section chair for the 2018 competition); member of the CIHR panel for peer reviewer of the Project Grant competition (2016 and 2021).

Member of the Action Team of the International Dairy Federation on “Lactose” to compile a special issue of the International Dairy Journal; member of the scientific committees of the International Symposium on Sourdough (2003, 2006, 2009, 2012, 2015, 2018 and 2022); GDL Forum Sauerteig (2004, 2006, 2008, 2011, 2014 and 2019); IDF Dairy Science and Technology Week (2008), the and the International Symposium on Gluten Free Cereal Products and Beverages (2010, 2013, and 2016); Member at large of the executive committee of the Nonthermal Processing Division of the Institute of Food Technologists (2014 – 2016).

Graduate Teaching and Supervision of graduate students:

Supervisor of 40 doctoral students and 27 M.Sc. students graduated from the Technische Universität München, Freising, Germany (8 M.Sc., 4 doctoral students) or the University of Alberta, Edmonton, Canada (19 M.Sc., 36 Ph.D.).

Former trainees holding academic positions include Dr. Clarissa Schwab, Dr. Ing. 2004 – 2006, PDF 2006 – 2008, Associate Professor at Aarhus University; Dr. Lifang Ruan, PDF 2007 – 2009, Full Professor at Huazhong Agricultural University; Dr. Ying Hu, PDF 2009 – 2011, Associate Professor at Hubei University of Technology; Dr. Bonno Sekwati Monang, Ph.D. 2007 – 2011, Senior Lecturer at the Botswana Agricultural College; Dr. Hui Li, Ph.D. 2012-2017, Associate Professor, Chinese Academy of Agricultural Sciences; Dr. Sandra Galle, PDF 2012 – 2013, Associate Professor, University of Applied Sciences and Arts of Western Switzerland; Dr. Yuan Fang, Ph.D. 2014 to 2019, Assistant Prof., University of Arkansas; Dr. Rami Althnaibat, Ph.D. 2018 to 2022, Assistant Professor, Mutah University, Jordan; Dr. Nuanyi Liang, Assistant Professor, Rutgers University starting Sept. 2025.

External examiner for doctoral theses submitted to the Université Laval, Québec, the University of Guelph, Ontario, the University of Manitoba, Winnipeg, the University of Saskatchewan, Saskatoon, the University of British Columbia, Vancouver, the Università degli Studi di Foggia, Italy, the University of Teramo, Italy (2018 and 2020), the ETH Zürich, Switzerland, the TU München, Freising, Germany, Groningen University, The Netherlands, the University College Cork, Ireland, the University of Helsinki, Finland (2006 and 2016), the University of Auckland, New Zealand, Victoria University, Australia (2016 and 2022), and The University of Punjab, Lahore, Pakistan (2022 and 2023).

Awards

AFNS Graduate Mentor Award for 2023-24