

Curriculum vitae Dr. Fabian Gather

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ResearchGate: <https://www.researchgate.net/profile/Fabian-Gather>

Google Scholar:

<https://scholar.google.de/citations?user=7a7HrHYAAAAJ&hl=en&citsig=AMD79oq4gz6AqfWf5k2LJgmkWXKF3obKNw>

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Personal Data

Title	Dr. rer. nat.
First name	Fabian
Name	Gather
Current position	Postdoctoral researcher
Identifiers/ORCID	0000-0001-9715-1582

Qualifications and Career

Degree programme	10/2009-04/2015, Biomedical Chemistry, diploma, JGU Mainz
Doctorate	09/2015-02/ 2020, Dr. rer. nat., Analyses of the expression of the human inducible NO synthase (iNOS): Influence of the 5'-UTR on human iNOS expression and expression of human iNOS in models of neural differentiation , supervisor Prof. Dr. H. Kleinert, Institute of Pharmacology, Medical Center of the JGU Mainz
Further stages	10/2020-today, Postdoctoral Researcher, Developmental Neuroepigenetics Lab, Institute of Anatomy and Cell Biology, University Freiburg 07/2015-08/2015, Research Fellow, Institute of Reconstructive Neurobiology, University of Bonn, Germany 02/2013-06/2013, Research Fellow at the Bäckvall group, Department of Organic Chemistry, University of Stockholm, Sweden

Engagement in the Research System

10/2020 - today	lecturer in Anatomy for medical students and pharmacists lecturer at the dissection and histology course for medical students
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Scientific Results

Akol I, Izzo A, **Gather F**, Strack S, Heidrich S, Ó hAilín D, Villarreal A, Hacker C, Rauleac T, Bella C, Fischer A, Manke T, Vogel T (2023) Multimodal epigenetic changes and altered NEUROD1 chromatin binding in the mouse hippocampus underlie FOXG1 syndrome. Proc Natl Acad Sci U S A. 120(2):e2122467120. doi: 10.1073/pnas.2122467120.

Gather F, Ihrig-Biedert I, Kohlhas P, Krutenko T, Peitz M, Brüstle O, Pautz A, Kleinert H (2022) A specific, non-immune system-related isoform of the human inducible nitric oxide synthase is expressed during differentiation of human stem cells into various cell types. Cell Commun Signal. 20(1):47. <https://doi.org/10.1186/s12964-022-00855-x>

Akol I, **Gather F**, Vogel T (2022) Paving Therapeutic Avenues for FOXG1 Syndrome: Untangling Genotypes and Phenotypes from a Molecular Perspective. *Int J Mol Sci.* 23(2):954. <https://doi.org/10.3390/ijms23020954>

Schmidtke L, Meineck M, Saurin S, Otten S, **Gather F**, Schrick K, Käfer R, Roth W, Kleinert H, Weinmann-Menke J, Pautz A (2021) Knockout of the KH-Type Splicing Regulatory Protein Drives Glomerulonephritis in MRL-Faslpr Mice. *Cells.* 10(11):3167. <https://doi.org/10.3390/cells10113167>

Gather F, Schmitz K, Koch K, Vogt LM, Pautz A, Kleinert H (2019) Regulation of human inducible nitric oxide synthase expression by an upstream open reading frame. *Nitric Oxide.* 88:50-60. <https://doi.org/10.1016/j.niox.2019.04.008>

Schmidtke L, Schrick K, Saurin S, Käfer R, **Gather F**, Weinmann-Menke J, Kleinert H, Pautz A (2019) The KH-type splicing regulatory protein (KSRP) regulates type III interferon expression post-transcriptionally. *Biochem J.* 476(2):333-352. <https://doi.org/10.1042/BCJ20180522>