

Christian Münch, Ph.D.

Current position: Emmy Noether Group Leader, Institute of Biochemistry II, Goethe University Frankfurt
 Address: Theodor-Stern-Kai 7, 60590 Frankfurt a. M.
 Phone: +49 (0) 69 6301 6599; e-mail: ch.muench@em.uni-frankfurt.de

University education

2008 – 2011 Ph.D., Neurobiology/Cell biology, MRC Laboratory of Molecular Biology and University of Cambridge, UK.
 2003 – 2007 Diplom in Biochemistry, Eberhard Karls University Tübingen.

Professional experience

2016 – date Group leader, Institute of Biochemistry II, Goethe University Frankfurt a. M.
 2016 – date Head of the Quantitative Proteomics Unit, Goethe University Frankfurt a. M.
 2018 – date Principle Investigator, Frankfurt Cancer Institute, Frankfurt a. M.
 2018 – date Principle Investigator, Cardio-Pulmonary Institute, Frankfurt a. M.
 2012 – 2016 Postdoctoral Fellow, Harvard Medical School, Boston, USA.
 2011 – 2012 Investigator Scientist, MRC Laboratory of Molecular Biology, Cambridge, UK.

Awards, honors, contribution to scientific community

2021 Co-organizer, EMBO/FEBS Susan Lindquist School on Proteostasis
 2020 – date Editorial Board, Journal of Cellular Biochemistry
 2020 – date Steering Committee member, CRC 1177 Selective Autophagy
 2020 – date Steering Committee member, BMBF Clusters4Excellence PROXIDRUGS
 2019 – date Co-chair, Proteostasis Group of European New Investigators (PROGENIE)
 2020 Binder Innovation Award by the German Society for Cell Biology
 2019 Aventis Foundation Life Sciences Bridge Award
 2019 Member of the Goethe University Early Career Council
 2019 – 2023 ERC Starting Grant
 2018 Johanna Quandt Young Academy Science Funding Award
 2018 – 2022 Emmy Noether Program (DFG)
 2012 – 2015 EMBO Long-Term Fellowship
 2011 British Neuroscience Association Postgraduate Award
 2011 FEBS Youth Travel Funds grant
 2011 Cambridge University, Homerton College research grant
 2011 Max Perutz travel grant
 2010 Cambridge Neuroscience Postgraduate Poster Prize
 2008 – 2011 Honorary Cambridge European Trust Member
 2008 – 2011 MRC Studentship

Key publications

1. Klann K, Bojkova D, Tascher G, Ciesek S, **Münch C***, Cinatl J*. *Growth Factor Receptor Signaling Inhibition Prevents SARS-CoV-2 Replication*. **Mol Cell** **2020**. 80 (1) 164-174.e4.
2. Klann K, **Münch C**. *Instrument Logic Increases Identifications during Multiplexed Translatome Measurements*. **Anal Chem** **2020**. 92 (12) 8041-8045.
3. Bojkova D, Klann K, Koch B, Widera M, Krause D, Ciesek S, Cinatl J, **Münch C**. *Proteomics of SARS-CoV-2-infected host cells reveals therapy targets*. **Nature** **2020**. 583 (7816) 469-472.

4. Klann K, Tascher G, **Münch C**. *Functional Translatome Proteomics Reveal Converging and Dose-Dependent Regulation by mTORC1 and eIF2 α* . **Mol Cell** **2020**. 77 (4) 913-925.e4.
5. Yang W, Nagasawa K, **Münch C**, Xu Y, Satterstrom K, Jeong S, Hayes SD, Jedrychowski MP, Vyas FS, Zaganjor E, Guarani V, Ringel AE, Gygi SP, Harper JW, Haigis MC. *Mitochondrial Sirtuin Network Reveals Dynamic SIRT3-Dependent Deacetylation in Response to Membrane Depolarization*. **Cell** **2016**. 167 (4) 985-1000.e21.
6. **Münch C**, Harper JW. *Mitochondrial unfolded protein response controls matrix pre-RNA processing and translation*. **Nature** **2016**. 534 (7609) 710-3.
7. **Münch C**, O'Brien J, Bertolotti A. *Prion-like propagation of mutant superoxide dismutase-1 misfolding in neuronal cells*. **Proc Natl Acad Sci U S A** **2011**. 108 (9) 3548-53.