



Dr. Kevin Klann

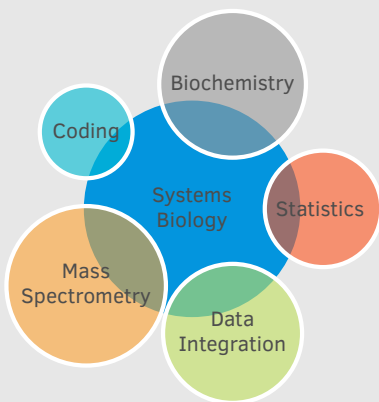
Postdoctoral Researcher

- 07 June 1991
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About me

Creative scientist interested in the big picture of biology. I use proteomics and other quantitative methods to get novel insights into the systems biology of our cells in the context of diseases. Through studying proteins and other cellular components in their functional network, I want to decipher pathological mechanisms on a molecular level.

Skills



Professional experience

- Since 2021 Postdoctoral researcher Goethe University, Frankfurt
Working in the lab of Dr. C. Münch on systems biology of disease mechanisms and quantitative proteomics methods.
- 2017-2021 Ph.D. student Goethe University, Frankfurt
Development of quantitative proteomics tools to measure protein dynamics and application to infection biology.

Education

- 2017-2021 Ph.D. student Goethe University, Frankfurt
"Proteome dynamics upon proteotoxic stress and disease" with Dr. C. Münch at Institute for Biochemistry II. . Dr. rer. med - *Summa cum laude*
- 2014-2016 M.Sc. Molecular biology (Grade: 1.3) Ruprechts-Karl-Universität Heidelberg
Thesis: "Characterization of translational regulation and cotranslational complex formation of the yeast fatty acid synthase" with Prof. B. Bukau at ZMBH
- 2011-2014 B.Sc. Biosciences (Grade: 1.6) Goethe University, Frankfurt
Thesis: "Regulation of E3-Ligase CHIP in Solanum lycopersicum" with Prof. E. Schleiff

Selected publications

- 2020 Growth factor receptor signaling inhibition prevents SARS-CoV-2 replication Molecular Cell
K. Klann*, D. Bojkova* et al. (* equally contributed)
- 2020 Instrument logic increases identifications during multiplexed translome measurements Analytical Chemistry
K. Klann and C. Münch
- 2020 Unbiased translation proteomics upon cell stress Molecular and Cellular Oncology
K. Klann and C. Münch
- 2020 Proteomics of SARS-CoV-2 infected host cells reveals therapy targets Nature
D. Bojkova*, K. Klann*, B. Koch* et al. (* equally contributed)
- 2019 Functional translome proteomics reveal converging and dose-dependent regulation of mTORC1 and eIF2a Molecular Cell
K. Klann et al.
- 2019 Loss of the selective autophagy receptor p62 impairs murine leukemia progression and mitophagy Blood
T.D. Nguyen et al.
- 2018 Cotranslational assembly of protein complexes in eukaryotes revealed by ribosome profiling Nature
A. Shiber et al.



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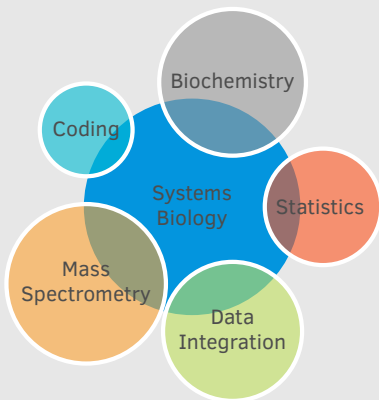
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Skills



Awards

- 2020 Tandem Mass Tag Award by ThermoFisher
- 2019 FEBS Poster Prize at EMBO Proteostasis Workshop

Advanced training

- 2020 D3.js in Action - Udemy
- 2019 Orbitrap Fusion Lumos Training - ThermoFisher Scientific
- 2018 Autumn school on Proteostasis - Split, Croatia
- 2018 Conference Presentation: Engaging the Listener in Your Talk - GRADE
- 2018 Introduction to machine learning - GRADE

Date, Signature