

Contact

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Top Skills

Lipidomics

Mass Spectrometry

Lipid Metabolism

Publications

Heritability and responses to high fat diet of plasma lipidomics in a twin study

Control of plasma membrane lipid homeostasis by the extended synaptotagmins

Sample Handling and Automation: Quality Control

Organellar lipidomics-background and perspectives.

ω -3 polyunsaturated fatty acids direct differentiation of the membrane phenotype in mesenchymal stem cells to potentiate osteogenesis

Christian Klose

CTO at Lipotype GmbH
Greater Dresden Area

Summary

Experienced Head Of Research And Development with a demonstrated history of working in the biotechnology industry.

Strong research professional skilled in Lipid Metabolism, Molecular Biology, Multivariate Statistics and Lipidomics.

After receiving my PhD on membrane biology and biophysics, I did a post-doc on mass spectrometry-based lipidomics. As project leader of the EXIST-Forschungstransfer project "Lipotype" I was involved in the buildup of Lipotype from the start. I published numerous papers in the field of membrane biology and lipidomics. In my role as Head of R&D, I enjoy developing novel technology and putting it into action for routine use.

Experience

Lipotype GmbH

7 years

CTO

June 2020 - Present (7 months)

Dresden, Germany

Head of Research and Development

January 2016 - May 2020 (4 years 5 months)

Dresden, Germany

Bioanalytics Specialist and Quality Management Representative

January 2014 - January 2016 (2 years 1 month)

Dresden, Germany

MPI-CBG

8 years 4 months

Project Leader EXIST-Forschungstransfer project "Lipotype"

January 2012 - December 2013 (2 years)

Dresden

Postdoc

October 2009 - December 2011 (2 years 3 months)

Postdoc in the lab of Andrej Shevchenko on Shotgun Lipidomics and Mass Spectrometry

PhD student

April 2008 - September 2009 (1 year 6 months)

PhD student in the lab of Prof. Kai Simons on biophysical properties of yeast sphingolipids in model membranes. PhD Thesis: "Membrane Organization in Yeast".

PhD student

September 2005 - March 2008 (2 years 7 months)

PhD student in lab of Christiane Walch-Solimena on membrane trafficking in yeast.

Institute of Anatomy and Cell Biology, MLU Halle-Wittenberg

Research Assistant

January 2005 - March 2005 (3 months)

Halle/Saale, Germany

Education

The Martin Luther University of Halle-Wittenberg

Diplom-Biologe, Biology, Molecular Biology, Genetics,

Biochemistry · (1999 - 2004)