

Pascal Kroh, MSc

Address for correspondence

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Position

Doctoral researcher and representative of the doctoral researchers of the IZW

Main research focus

Molecular and biophysical analysis of proteins found in the seminal plasma of boars regarding their function during reproduction

Professional appointments

- Since 2018: Doctoral studies in Biophysics, Leibniz Institute for Zoo & Wildlife Research, Germany
- Recombinant expression of proteins
 - Multi step protein purification
 - Protein-lipid-interaction
 - Analysis of functions and interactions of proteins by using different spectroscopy and microscopy technics
- 2015-2018: Research assistant, Molecular Biophysics, Humboldt-Universität zu Berlin
- Cell culture
 - Analysis of protein interactions with model membranes (e.g. LUVs, MLVs)

Academic education

2014-2018: Study of Biophysics, Master of Science, Humboldt-Universität zu Berlin, Germany

- Protein expression and purification
- Confocal laser scanning microscopy, RIC and CD spectroscopy

2011-2014: Study of Life Sciences, specialized on Molecular Biology, Bachelor of Science, Universität Potsdam, Germany

- Confocal laser scanning microscopy

Courses and trainings

- 16. European Short Course on “Principles and Applications of Time-resolved Fluorescence Spectroscopy”, PicoQuant, Berlin, 11/2018
- Solving problems in biostatistical analysis and experimental design in the life sciences, Leibniz Institute for Zoo & Wildlife Research, Berlin, 11/2018
- Theory of Science II: Recognizing the determinants of your approach to scientific questions: female and male viewpoints in biology and (veterinary) medicine, Leibniz Institute for Zoo & Wildlife Research, Berlin, 01/2019

Co-organized

- 5th IZW PhD Symposium on “Science is also yours: working and communicating with the public”, Leibniz Institute for Zoo & Wildlife Research, Berlin, 09/2019