

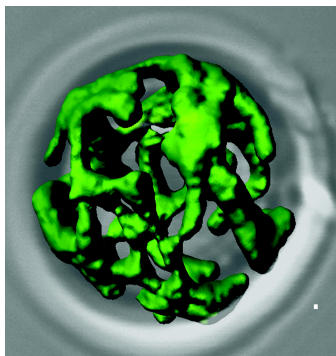
Mitochondrial Signalling and Metabolic Control in Health and Disease

The laboratory of Prof. **Chris Meisinger** at the Institute of Biochemistry and Molecular Biology and the *Centre of Excellence for Integrative Biological Signalling Studies (CIBSS)*, University of Freiburg, Germany is seeking highly motivated

Postdocs and PhD students

that are interested in investigating how mitochondria maintain proteostasis under stress conditions and how cytosolic signalling events adapt mitochondria to metabolic changes or during cancer metabolic reprogramming. We are analyzing how cellular check points control composition and maintenance of the organellar proteome and investigate the pathological consequences of patient mutations in these processes that cause severe neurodegeneration, cardiomyopathies or cancer. A particular focus is on the discovery of cytosolic signalling cascades that target the mitochondrial protein import machineries and adapt metabolism upon physiological changes but also during cancer development. For this we use a wide variety of models ranging from yeast and mice to human tissue culture and patient samples. Further information at www.meisingerlab.org.

Applicants should have a strong background in cell biology, biochemistry and molecular biology and be motivated to work in an international team.



Interested candidates should send their application (including CV, motivation letter, names and contact information of 2-3 references) as a single PDF file by e-mail to Chris Meisinger (chris.meisinger@biochemie.uni-freiburg.de).

Selected publications:

Vögtle *et al.*, **Cell** 139, 428-439 (2009); Schmidt *et al.*, **Cell** 144, 227-239 (2011); Mossmann *et al.*, **Cell Metab.** 18, 578-587 (2014); Harbauer *et al.*, **Science** 346, 1109-1113 (2014); Vögtle *et al.*, **Nat. Commun.** 8, 290 (2017); Poveda-Huertes *et al.*, **Mol. Cell** 77, 180-188 (2020)