



The Leibniz Institute on Aging - Fritz Lipmann Institute (FLI), Jena (Germany), is a federal and state government-funded research institute and member of the Leibniz Association (Wissenschaftsgemeinschaft Gottfried Wilhelm Leibniz e.V.). FLI's internationally visible and highly competitive research is focused on understanding the mechanisms of aging and associated age-related diseases. More than 220 scientists from over 30 countries are currently investigating the molecular mechanisms of aging and the occurrence of age-related diseases. Our aim is to create the basis for new approaches in medicine as a way to improve health in the elderly (www.leibniz-fli.de).

The "**Membrane Trafficking in Aging**" group, headed by Dr. Christoph Kaether invites applications for a

Postdoc Position (m/f)

Tasks and Challenges:

The group works on the structure and function of the endoplasmic reticulum (ER). We are interested in the molecular mechanisms of ER export, specifically in a step that is sensitive to the secretion inhibitor FLI-06 that we identified (Krämer *et al.* Nature Chem Biol 2013, Yonemura *et al.* JCS 2016).

Using CRISPR-based gain- and loss-of-function screens we identified a number of genes that are involved in this step.

The applicant's task is to further characterize the hits using cell biological and biochemical tools (construction of fusion proteins, confocal-, live- and super resolution-microscopy, Western Blot, Co-immunoprecipitation, siRNA, shRNA, CRISPR).

<https://www.leibniz-fli.de/research/research-groups/kaether/>

We offer:

- A position in a well-equipped research group of a high quality institute for age research, which harbours several state-of-the-art facilities. Our work is embedded in the Beutenberg Campus, an interdisciplinary base for innovative research.
- A position integrated in the FLI PostDoc Network. The Network promotes interdisciplinary collaborations involving clinician scientists, basic scientists and bioinformaticians.
- A contract which is limited for two years initially. The contract conditions and the salary will be according to the collective labour agreement for public service employees of the federal states of Germany (TV-L E13).

Application:

Candidates are encouraged to send their application referring to **Job-ID 1901** until **February 17, 2019**.

via email: jobs@leibniz-fli.de
as single-pdf-document
including full CV, publication list

or via mail: Leibniz Institute on Aging – Fritz Lipmann Institute (FLI)
HR Department
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