

Leibniz-Institut for Age Research Fritz-Lipmann-Institute (FLI)

www.fli-leibniz.de

Leibniz Graduate School on Ageing and Age-Related Diseases (LGSA)

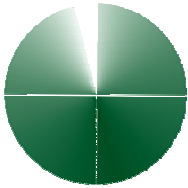
The Leibniz Graduate School on Ageing and Age-Related Diseases (LGSA) is a joint program of the newly established Leibniz Institute for Age Research – Fritz Lipmann Institute (FLI) and the Friedrich-Schiller-University in Jena, Germany. The Graduate School was founded in 2006.

Training and research within the PhD program is interdisciplinary with the endeavour to understand the multifaceted mechanisms that cause the development of age-related diseases and those that cause senescence and ageing. The curriculum offers various training possibilities in Molecular Biology, Genetics, Cell Biology, Developmental Biology, Cancer Biology, Neurobiology and Structural Biology. Lecture series, methods courses and soft skill training complete the ambitious program.

Currently the following PhD-projects are funded:

Cornelis Calkhoven:	Translational control of gene expression in cancer
Christoph Englert:	Life span genes in a short-lived vertebrate
Marcus Fändrich:	Pathogenic peptide misfolding in Alzheimer (AD)
Matthias Görlach:	Structure and interaction of viral oncoproteins
Thorsten Heinzel:	Stat1 expression and acetylation in tumor cells
Helen Morrison:	Control of G-proteins by a tumor suppressor
Heike Heuer:	Hypothalamic regulation: food intake & body weight
Matthias Platzer:	DNA methylation in human obesity
Jan Tuckermann:	Steroid-induced osteoporosis
Zhao-Qi Wang:	Molecular sensors of DNA damage in mice
Otto Witte:	Regulation of brain plasticity

Further information including application guidelines can be found at <http://www.fli-leibniz.de/news/jobs/LGSA.html>. Call for applications for the next round of PhD positions will be announced soon.



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offers grants and scholarship programs funded through:

- Leibniz Graduate School on Ageing and Age-Related Diseases (LGSA)
- Leibniz-DAAD program
- institutional in-house funding

Preferred degrees: M.Sc., B.Sc., Ph.D.

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The Leibniz Institute for Age Research – Fritz Lipmann Institute (FLI) is the first national German research establishment devoted explicitly to research on ageing and age-associated diseases. All current efforts are directed towards understanding the molecular mechanisms of these processes. The FLI hosts a well-known genomics group, part of the Jena Center of Bioinformatics, and structural biology (NMR and crystallography). Research topics range from organismic models of life span regulation to genomic instability, from several examples of neurodegenerative diseases to cancer and organ failures. For a complete list of activities see www.fli-leibniz.de. The current staff is 260 in total, with scientists from 18 nations. Working language is English.

The institute is located within a lively campus which includes among others two Max-Planck-Institutes, university departments for biochemistry and biophysics and a second Leibniz Institute devoted to infectious diseases. The campus is in Jena, in the very middle of Germany, three train hours from Frankfurt airport, just over one hour from Leipzig airport and 2 hours from Berlin Schönefeld airport. The immediate surroundings of Jena is pleasantly hilly, along the river Saale, many castles on hill tops and numerous vineyards are within easy range. Jena is the location of the Friedrich Schiller University (FSU), founded in 1558. During semester time the 100.000 inhabitant town hosts some 25.000 students.