



PhD Positions: CALL FOR APPLICATIONS

The Leibniz Graduate School on Ageing and Age-Related Diseases (LGSA) is a joint program of the Leibniz Institute for Age Research – Fritz Lipmann Institute (FLI) and the Friedrich-Schiller-University (FSU) in Jena. The LGSA is embedded in the larger FLI Graduate School. The School calls for applications for PhD positions starting in summer/autumn of 2007.

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, Molecular Genetics, Cell Biology, Developmental Biology, Cancer Biology, Neurobiology and Structural Biology. Interested candidates are encouraged to submit their application before the 1st of June 2007 for the following PhD-projects:

Marcus Fändrich/Uwe Horn:

Marcus Fändrich:

Christoph Kaether:

Matthias Görlach:

Matthias Görlach:

Peter Hemmerich:

Heike Heuer:

Peter Herrlich:

Christine Müller/

Cornelis Calkhoven:

Aspasia Ploubidou:

Falk Weih/Andreas Habenicht:

Falk Weih:

Jens Weise:

Mechanisms of amyloid fibril formation

Cryo electron microscopy of Alzheimer amyloid fibril

Functional analysis of the sorting receptor Rer1

Structure of Alzheimer A-beta oligomers by NMR spectroscopy

Structure of viral oncoproteins by NMR spectroscopy

Molecular mechanisms of cellular senescence

Neuroendocrine mechanisms in regulating body weight and food intake

Analysis of a new transcription factor

Translational control, Sirt1 and caloric restriction

Centrosome instability in virally induced cancer

Vascular aging and atherosclerosis

Regulation of development and function of the thymic epithelium by NF-kB

Role of the prion protein in neuroneogenesis after focal ischemia

Further information including application guidelines can be found at <http://www.fli-leibniz.de/news/jobs/LGSA.html>.

Applications following the guidelines should be sent electronically until June 1st, 2007 to lgsa@fli-leibniz.de.



Leibniz Institute for Age Research
Fritz Lipmann Institute (FLI)

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