

Cologne Excellence Cluster: Cellular Stress Responses in Aging-Associated Diseases announces 7 faculty positions

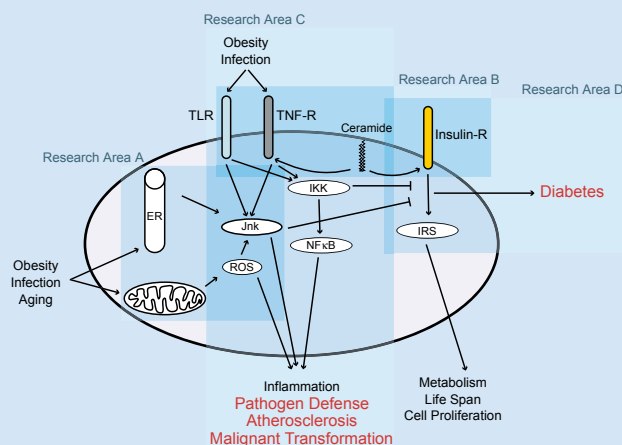
Increasing life expectancy is concomitant with increased risk of aging-associated diseases, e.g. obesity, diabetes, atherosclerosis, cancer, and neurodegenerative diseases, for most of which only unsatisfactory therapies exist. To date, unraveling the specific, common molecular basis of the aging process itself and diseases associated with it has proven a formidable task. However, the remarkable recent discovery that mutations in single genes, such as those in the insulin signal transduction pathway, and those controlling mitochondrial function or synthesis of the membrane lipid ceramide can extend lifespan has opened new genetic avenues to investigate a broad spectrum of aging-related damage and pathology. The mission of the Cologne Excellence Cluster on Cellular Stress Responses in Aging-associated Diseases (CECAD) will be to unravel the common molecular mechanisms underlying lifespan regulation and aging-associated diseases to set the ground to achieve its long-term objective of developing novel therapeutic interventions. CECAD will be a unique research venture unifying researchers at the University of Cologne with those at the Max Planck Institute for the Biology of Aging. CECAD will be active in four core research areas with a special emphasis on understanding how pathways regulating lifespan interconnect.

To further strengthen and complement the joint research program of the University of Cologne and the newly founded Max-Planck-Institute for the Biology of Aging, **the Cologne Excellence Cluster CECAD announces 7 faculty positions ranging from tenure track independent research group leaders to tenure full professors.** Positions include an attractive start-up package and access to a suite of research facilities. Applicants should have a proven research track record on molecular mechanisms of cellular stress responses in control of life span and/or the pathophysiology of aging-associated diseases including, but not limited to mitochondrial function, ER-stress response, autophagy, inflammation and metabolic signaling pathways and those controlling membrane function.

Applicants must include a letter of interest, a curriculum vitae, including publication list, a statement of research interests, and contact information for at least three references. Applications may be sent to CECAD, c/o Prof. Jens Brüning, Institute for Genetics, Zùlpicher Str. 47, D-50674 Cologne, Germany. The closing date for applications is December 16, 2007.

The University of Cologne is an equal opportunity employer in compliance with the German disability laws. Women and persons with disabilities are therefore strongly encouraged to apply.

Overview of CECAD's 4 core research areas



For detailed information, please visit www.cecad.uni-koeln.de.



University of Cologne



Cologne Excellence Cluster on Cellular Stress
Responses in Aging-Associated Diseases