

"We are currently looking for a master/diploma thesis student to work on the

"Identification of RAGE Interaction Partners" within our group (A100 - Signaltransduction & Growth Control)

Project description:

Our research focuses on the identification and functional characterisation of genes critically implicated in processes of chronic inflammation and tumour development. Recently, we could show that the receptor of advanced glycation endproducts (RAGE) sustains inflammation and promotes tumour development (Gebhardt et al., J Exp Med. 2008). RAGE constitutes a multi-pattern recognition receptor, triggers and thereby causes the activation of downstream transcription factors such as NF- κ B and AP-1. Nevertheless, the molecular mechanisms of RAGE-mediated intracellular signalling are largely elusive and require further investigation.

For a project that aims at identifying functional interaction partners of the receptor RAGE using sophisticated purification techniques as well as yeast-2-hybrid screens, we are currently looking for a highly motivated Master/Diploma student with scientific background in biochemistry and molecular biology to complement our team.

More information about the group under: http://www.dkfz.de/de/signal_transduction/

Student's Profile:

- ▣ Study of Biology, Biochemistry, Biotechnology or similar
- ▣ Preferably with practical hands-on experience in biochemistry, molecular biology, and cell culture techniques
- ▣ Interest in cancer biology and biochemistry

Application Deadline: March 15th, 2008

Start Date: as soon as possible

For further information, please contact:

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