



Diploma thesis

from October 2009

Topic: „Galanin peptide family in inflammation“

Our aims are to determine novel/specific functions and sites of action of the galanin peptides in inflammation. To identify the respective receptors for the so far unknown receptors for alarin and GALP and to determine novel physiological roles of alarin and GALP. To achieve these specific aims we will take a multidisciplinary approach, employing molecular and cell biology, pharmacology, high-throughput screening, in vivo animal model systems, bioinformatics, and clinical research.

The thesis will focus in one of the following areas:

- **Animal models of inflammation**
- **Function of neuropeptides on immune cells**
- **Peptide receptor screening/pharmacology**
- **Yeast to Hybrid screening for membrane receptors**

We offer an interdisciplinary team working on various aspects on the function of the galanin peptide family. We collaborate with excellent research groups in different countries and the pharmaceutical industry. Stipends up to one year are available.

Applications to Barbara Kofler
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