CENTER FOR PHYSIOLOGY
AND PHARMACOLOGY
MEDICAL UNIVERSITY OF VIENNA

Vienna, 14.03.2023

PhD Position in lung cancer research

We are looking for a highly motivated PhD student with experience in molecular biology and genetic mouse models of cancer. The selected candidate will investigate the role of the glucocorticoid receptor in KRAS driven lung adenocarcinoma. The position will be available in the research group of Emilio Casanova at the Medical University of Vienna, Vienna, Austria. We make use of mouse genetic technology (conditional knock-outs, knock-ins, CRISPR/Cas9, etc.), (xeno)graft models, cell culture, drug treatments, human patient samples and bioinformatics to study signal transduction and new targets in lung cancer.

Recent publications:

Caratti B, *et al*. The glucocorticoid receptor associates with RAS complexes to inhibit cell proliferation and tumor growth. Sci Signal. 2022 Mar 22;15(726)

Breitenecker K, *et al*. Down-regulation of A20 promotes immune escape of lung adenocarcinomas Sci Transl Med. 2021 Jul 7;13(601)

Mohrherr J *et al*. JAK-STAT inhibition impairs K-RAS-driven lung adenocarcinoma progression Int J Cancer. 2019. 145 (12), 3376-3388

Moll HP *et al*., Afatinib Restrains K-RAS-driven Lung Tumorigenesis. Sci Transl Med. 2018. 10 (446)

The successful candidate will be integrated into our multidisciplinary team consisting of biochemists, molecular and cell biologists, and medical doctors. Good communication skills, independence, and a sense of responsibility are required. English is the working language.

The position is available immediately. Applicants should submit: A cover letter, CV, names and contact details of 2 referees. Short listed candidates will be notified and invited for interview. Late applications may be considered until the position has been filled.

Deadline 7th of April 2023

Applications should be addressed to:

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