

Experienced Researcher (Postdoc) position

Title: Experienced Researcher (Postdoc) position for work on inherited Retinal degeneration: Pre-clinical and clinical development of a novel drug candidate.

GENERAL INFORMATION

The Institute for Ophthalmic Research (IOR) at the Centre for Ophthalmology in Tübingen, Germany is one of Europe's largest institutions in the field of vision research, with a focus on the development of novel treatments for inherited retinal degeneration (RD). RD-type diseases are an important cause of blindness and remain largely untreatable to this day. We now invite applications for an Experienced Researcher (M.D. or PhD) with a

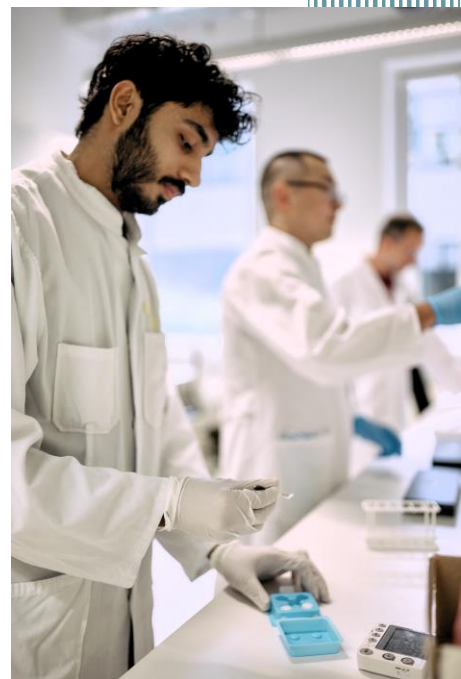


background in biochemistry, neuroscience, cell biology, pharmacology, or related disciplines. The position is funded for a total duration of 4.5 years. The researcher will be part of a large, multi-disciplinary clinical research and drug development team located at the Centre for Ophthalmology. The work will focus on a novel class of pharmaceutical compounds with strong neuroprotective properties in blinding RD-type diseases. The candidate should be passionate for contributing to the translation of the compound into clinical application and thereby help to develop a treatment option for affected patients.

PROJECT DESCRIPTION

You will be concerned with the pre-clinical and clinical development of novel cyclic nucleotide analogues and appropriate drug delivery technology. This includes the testing of compound preparations and their formulations on *in vitro* and *in vivo* models for retinal degeneration. Analysis methods include the evaluation of cell death markers, biochemical processes associated with retinal degeneration (activities of kinases, phosphatases, proteases, epigenetic processes), and functional assessments, including via electrophysiological methods. Building on the results obtained, further studies may address the development of novel biomarkers for retinal neurodegeneration.

You should furthermore engage in the design, monitoring, and evaluation of pre-clinical studies to be performed according to good-laboratory-practice (GLP). Finally, you may participate in the preparation of regulatory documentation for phase I/II clinical trials and the corresponding interactions with regulatory authorities in Germany.



The work will be performed in a collaborative project with partners from academia and industry, located across Europe.



RESEARCH FIELD

Translational medical research

<http://www.eye-tuebingen.de/paquetdurandlab/>

CONTRACT DETAILS

TYPE OF CONTRACT: temporary, 4.5 years

STATUS: Full-time

Hours per week: 38,5 h

ADDITIONAL INFORMATION

Benefits: We offer a salary according to the collective agreement for public service in Germany; including health care, unemployment, and retirement benefits. The IOR boasts modern state-of-the-art laboratories, facilities, and equipment. Also offered are training activities at the University of Tübingen graduate school for cellular and molecular neuroscience, as well as travels to international collaboration partners and conferences.



APPLICATION DETAILS

ENVISAGED JOB STARTING DATE: 01/03/2024

APPLICATION DEADLINE: 15/01/2024

HOW TO APPLY:

by mail or e-mail to:

Research Management Unit, Institute for Ophthalmic Research

Elfriede-Aulhorn-Str.7., 72076 Tübingen, Germany

Dr. Emanuela De Luca: emanuela.de.luca@med.uni-tuebingen.de

or Dr. Sigrid Diether: sigrid.diether@uni-tuebingen.de

For further Information on the position, contact Prof. François Paquet-Durand via email address: francois.paquet-durand@uni-tuebingen.de or

telephone +49 7071 2987430