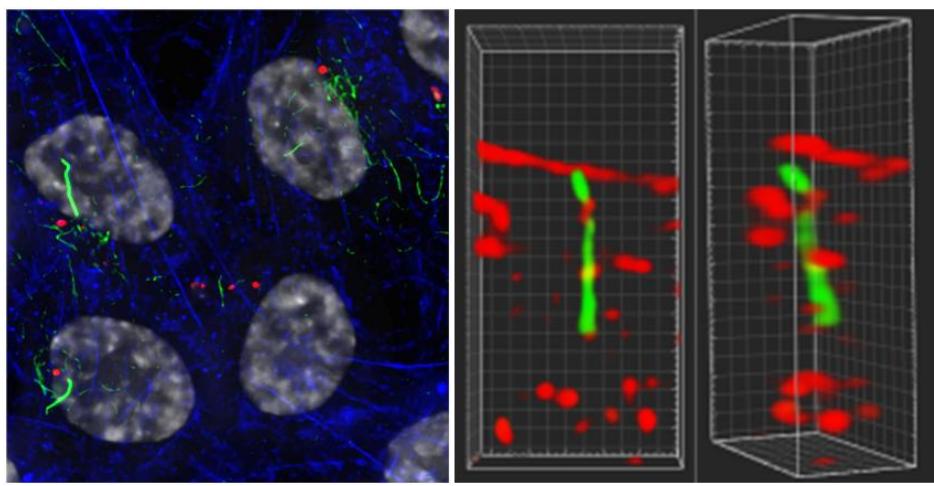


OPEN POSTDOC POSITION

in Intraciliary Actin Regulation and Dynamics

Laboratory of Cilia Genetics and Pathology is seeking a highly motivated candidate to work on regulation of intraciliary actin dynamics during ciliogenesis and signalling



Project description

Our research group focuses on understanding how primary cilia regulate cell signalling and impact cellular functions in both healthy and disease states. Recent findings highlight the actin cytoskeleton as an integral component of cilia, essential for their growth and function. In this project, we will use a combination of molecular biology, biochemistry, and proteomics to identify key regulators of intraciliary actin, investigate their role in cilia homeostasis and signalling, and explore how their dysfunction contributes to the development of specific ciliopathies. For more details about our research, please visit our website: www.img.cas.cz/group/martina-huranova/.

Requirements

- PhD in cell biology, molecular biology, biochemistry, or related field.
- Strong background in cell signalling or cytoskeleton biology.
- Experience with advanced technologies, including CRISPR/Cas9, high-resolution imaging techniques, omics approaches, bioinformatics is advantage.
- Capability to work independently and in a team.
- Strong communication and presentation skills in English.

We offer

- Postdoc position available for 2 years with possible extension. Starting date is flexible.
- A collaborative scientific environment supported by state-of-the-art facilities, including excellent imaging and animal model platforms.
- Employee benefits (6-week vacation, meal allowance, sport centre, and kindergarten).
- No teaching obligations.
- Possibility to apply for independent funding to develop your own research program.

How to apply

Email your CV, cover letter and names of two references to martina.huranova@img.cas.cz

Personal data processing

For the purposes of the open competition for this position, the Institute of Molecular Genetics of the Czech Academy of Sciences, ID No. 68378050, residing at Vídeňská 1083, Prague 4 - Krč, Czech Republic, in the role of Administrator shall process personal data provided by you (or obtained from public sources) in accordance with the General Data Protection Regulation (EU) 2016/679. By answering this advertisement, you provide your personal data to the Administrator for the purposes and for the duration of the open competition. In relation to processing your personal data, you have the following rights: (i) to access your personal data, (ii) to have corrected or completed inaccurate or untrue personal data, (iii) to erasure of your personal data if not any longer needed for the purposes for which they have been collected or otherwise processed, or if you find that they have been processed illegally, (iv) to restriction of your personal data processing in special cases, (v) to data transferability, and (vi) to raise a complaint after which processing of your personal data shall be arrested if no serious justified reasons for their processing prevail over your interests or rights and freedoms, in particular, if they are needed for possible exaction of legal claims, and (vii) to address the Office for Personal Data Protection. Additional information on data processing by the Institute of Molecular Genetics of the Czech Academy of Sciences, ID No. 68378050, residing at Vídeňská 1083, Prague 4 - Krč, Czech Republic, can be obtained from Data Protection Officer J. Oliberiusová, JD.