



Olomouc 24.06.2026

Děkan Lékařské fakulty vypisuje výběrové řízení na obsazení místa

Researcher (Postdoc)

Obor/specializace: biomedicína

Počet obsazovaných míst: 1

Profil výzkumného pracovníka: R1 – Začínající výzkumník*ce

Pracoviště: Laboratoř integrity genomu

Úvazek: 1,0

Místo výkonu práce: Olomouc

Termín nástupu: po dohodě

Popis pracoviště

Ústav molekulární a translační medicíny (IMTM) je špičkové biomedicínské výzkumné centrum na Lékařské fakultě a Fakultě zdravotnických věd Univerzity Palackého v Olomouci. IMTM kombinuje základní a translační výzkum s pevnou technologickou infrastrukturou a mezinárodními partnerstvími. Jeho cílem je lépe porozumět lidským nemocem, zejména rakovině a dalším hlavním onemocněním, a pomoci vyvíjet budoucí diagnostiku a terapie. Více info: <https://www.imtm.cz/> Popis laboratoře V juniorské skupině pro výzkum proteotoxického stresu, financované ERC-CZ, která je součástí Laboratoře genomické integrity, je volné místo. Skupina zkoumá, jak buňky zvládají poškozené nebo shluklé proteiny, se zaměřením na proteotoxický stres, proteostázu, ubiquitin-proteasomální systém, molekulární chaperony a jedinečné slabiny rakovinných buněk. Projekt kombinuje buněčnou biologii, mikroskopii, molekulární biologii, biochemii a translační biomedicínu.

Pracovní náplň

- design and perform independent research in cell biology, molecular biology, biochemistry, and microscopy, including advanced live-cell and fluorescence imaging approaches
- analyze and interpret data, prepare manuscripts, publish original findings, and present results at meetings and conferences
- contribute to student supervision and to the day-to-day scientific activities of the group

Kvalifikační požadavky

- PhD in cell biology, biochemistry, medical sciences, or a related field
- Proven hands-on experience in cell culture, microscopy, biochemistry, and molecular biology
- Strong publication record for your career stage
- Good communication and writing skills in English / Fluent in English (speaking and writing)
- Ability to work independently in science, including publishing
- Proactive, motivated, and open to further learning
- Leadership and management skills
- International experience is a plus

Co nabízíme

- Steady background of the top scientific university.
- 8 weeks of paid holiday for academics and 30 days for non-academic workers and researchers.
- Meal allowance and other benefits



- Education and career growth possibilities
- International mobility of all employees.
- A position at a well-established and internationally oriented biomedical research institute.
- Access to state-of-the-art infrastructure and core facilities.

Dokumenty k výběrovému řízení

CV in English

Cover letter

V případě zájmu vyplňte prosím kontaktní formulář a zašlete nám požadované dokumenty nejpozději do 31.07.2026.

Kontaktní osoba

Škrott Zdeněk, Mgr., Ph.D., zdenek.skrott@upol.cz, +420 585 632 144

Poznámka

The Palacký University reserves the right not to fill the position in an exceptional case without giving any reason or to cancel the selection procedure.



Olomouc 24.06.2026

The Dean of the Faculty of Medicine and Dentistry announces a selection procedure for the job position of

Researcher (Postdoc)

Research Field: biomedical sciences
Number of Posts: 1
Researcher Profile: First Stage Researcher (R1)
Department/Facility: Laboratory of Genome Integrity
Type of contract: Fixed-term contracts
Job Status: Full-time
Hours per Week: 40
Location: Olomouc
Offer Starting Date: by agreement

Department/Facility description

The Institute of Molecular and Translational Medicine (IMTM) is a leading biomedical research centre of the Faculty of Medicine and Dentistry, Palacký University Olomouc. IMTM combines basic and translational research with strong technological infrastructure and international collaborations. Its mission is to advance understanding of human disease, particularly cancer and other major disorders, and to contribute to the development of future diagnostics and therapies. More information: <https://www.imtm.cz/>

Laboratory description

The ERC-CZ funded position is available in the junior Proteotoxic Stress Research Group, part of the Laboratory of Genomic Integrity. The group studies how cells respond to damaged and aggregated proteins, with a particular focus on proteotoxic stress, proteostasis, the ubiquitin-proteasome system, molecular chaperones, and novel vulnerabilities of cancer cells. The project combines cell biology, microscopy, molecular biology, biochemistry, and translational biomedical research in an international and collaborative environment.

Job Profile

- design and perform independent research in cell biology, molecular biology, biochemistry, and microscopy, including advanced live-cell and fluorescence imaging approaches
- analyze and interpret data, prepare manuscripts, publish original findings, and present results at meetings and conferences
- contribute to student supervision and to the day-to-day scientific activities of the group

Requirements

- PhD in cell biology, biochemistry, medical sciences or a related field
- proven track record of practical experience in the following: cell culture, microscopy, biochemistry, molecular biology
- Solid publication record relative to career stage.
- Ability to communicate and write in English/Fluent English (spoken and written)
- Capability of independent scientific work including publishing activities
- Active approach, initiative and willingness for further education.



- Management skills (leadership).
- International experience in an advantage.

What we offer

- Steady background of the top scientific university.
- 8 weeks of paid holiday for academics and 30 days for non-academic workers and researchers.
- Meal allowance and other benefits
- Education and career growth possibilities
- International mobility of all employees.
- A position at a well-established and internationally oriented biomedical research institute.
- Access to state-of-the-art infrastructure and core facilities.

Documents requested

CV in English

Cover letter

If you are interested in this position, please, fill in the contact form and attached the requested documents no later than 31.07.2026.

Contact person

Škrott Zdeněk, Mgr., Ph.D., zdenek.skrott@upol.cz, +420 585 632 144

Additional Information

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