

POSTDOC POSITION – MACROMOLECULAR PHASE SEPARATION IN GERM CELL FATE

IMBA - Institute of Molecular Biotechnology is one of the leading biomedical research institutes in Europe focusing on cutting-edge functional genomics and stem cell technologies. IMBA is located at the Vienna BioCenter, the vibrant cluster of universities, research institutes and biotech companies in Austria. IMBA is a basic research institute of the Austrian Academy of Sciences, the leading national sponsor of non-university academic research.

Position

A postdoc position is available in the Saha Lab at the Institute of Molecular Biotechnology (IMBA) in Vienna (Austria) on molecular mechanisms of germ cell fate in *C. elegans* – with specific emphasis on role of the conserved non-membrane-bound organelle ‘Nu-age’ (called ‘P granule’ in *C. elegans*). The project is at the interface of an important biological question related to fertility and an emerging field studying the role of liquid-liquid phase separation in biological systems. P granule was the first cellular organelle to be characterized as being liquid-like, but how it contributes to germ cell fate remains unclear. More info: www.imba.oeaw.ac.at/research/shambaditya-saha/

The position is offered initially for 2 years, with possibility of extension upto 3 additional years.

Requirements

The ideal candidate should be highly motivated, creative, independent and driven by understanding how biological systems work at the molecular mechanistic level. S/he should hold a PhD in biochemistry, biophysics, cell or developmental biology. Back-

ground in RNA biology or nuclear import/export mechanisms is desirable. Prior experience with *C. elegans* is valuable but not required.

Environment

The IMBA is a leading institute in the life sciences in Europe with unparalleled scientific infrastructure, embedded within the dynamic Campus Vienna Biocenter (www.vienna-biocenter.org). Vienna offers a lively multicultural environment with high living standards and is repeatedly ranked the most liveable city in the world (Mercer, Economist rankings).

Salary and benefits

An internationally competitive salary with full benefits. Child care facilities are available on campus.

Application and enquiries

Please send CV, cover letter and contact info of three references to shambaditya.saha@imba.oeaw.ac.at