

Applications are invited for a Postdoctoral Position in Physical Biology at the International Centre for Theoretical Sciences (ICTS) of the Tata Institute of Fundamental Research (TIFR), located in Bangalore, India. This position is supported by the **Max Planck Partner Group in Physical Biology** at ICTS, which operates in collaboration with the *Max Planck Institute for the Physics of Complex Systems* (MPIPKS), Dresden. The fellowship is offered broadly in the area of theoretical biophysics with a focus on active matter approaches to developmental biology. All applicants will also be automatically considered for regular ICTS postdoc positions.

Eligibility

Candidates with a PhD in Physics and a proven interest to work in biophysical problems. Although PhDs in theoretical biophysics, soft-condensed matter physics, statistical mechanics are preferred, candidates trained in other areas, but with strong analytical and computational skills, are also encouraged to apply.

Apply online

forms.icts.res.in/postdoc_app

with a CV, list of publications, a research proposal & a covering letter, and arrange to send at least three recommendation letters directly to ICTS.

Application deadline

2nd December 2016



Salary and benefits

The initial appointment will be for two years, with possibility of extension up to a third year, based on the scientific activity of the Fellow. A competitive salary, ₹60,000 per month, and free Institute accommodation or a house rent allowance of ₹15,000 per month are provided. In addition, Fellows receive health insurance and a research grant of ₹200,000 per year. Fellows will also have the opportunity to apply for additional travel and research grants offered by ICTS as well as national funding agencies.

Informal queries may be addressed to Vijay Kumar Krishnamurthy <vijaykumar@icts.res.in>

About ICTS

ICTS is a new initiative in Indian science, with a mandate to contribute to research excellence by providing a platform and resources to organize various programs in theoretical sciences at the forefront of knowledge. Apart from hosting a large number of visitor-driven academic programs, ICTS boasts a world-class in-house research program. ICTS runs a strong visitors and associates programs, a highly competitive graduate school as well as a strong postdoctoral program. Providing a vibrant academic environment, the ICTS's state-of-the-art residential campus is located in Bangalore, the garden city of India, that boasts a pleasant and moderate climate. ICTS maintains close ties with the world-class scholastic ambience of the city. More info about ICTS at icts.res.in

Physical Biology @ ICTS

The physical biology group @ ICTS focusses on mechanobiology, physics of the actomyosin cytoskeleton, active matter, mechanochemical pattern formation as relevant to morphogenetic processes in developing embryos...etc

Selected candidates will have the opportunity to work on exciting projects in collaboration with MPIPKS and BIOTEC (TUD) in Dresden, and the Simons centre at NCBS in Bangalore.

