



Tenure Track Assistant Professor in Biophysics

About Utrecht University:

A better future for everyone. This ambition motivates our scientists in executing their leading research and inspiring teaching. At [Utrecht University](#), the various disciplines collaborate intensively towards major societal themes. Our focus is on Dynamics of Youth, Institutions for Open Societies, Life Sciences and Sustainability.

The city of Utrecht is one of the oldest cities in the Netherlands, with a charming old center and an internationally oriented culture that is strongly influenced by its century-old university. Utrecht city has been consistently ranked as one of the most livable cities in the Netherlands.

About the Institute:

The division/leerstoelgroep in Molecular and Cellular Biophysics that is currently being formed is embedded within the [Institute of Biodynamics and Biocomplexity](#) of the Department of Biology. The institute performs interdisciplinary research that combines biology, physics, chemistry and mathematics to understand living systems at different organization levels, ranging from individual molecules, such as DNA, lipids and proteins, to cells and model organisms.

Job description:

This Tenure Track position has been created to strengthen the division/leerstoelgroep in Molecular and Cellular Biophysics that is currently being formed.

The candidate will start as an Assistant Professor and enter a five year Tenure Track. At the beginning of the Track the candidate will make a career development plan that outlines the goals of the track, both for research, teaching and personal development. When evaluated positively, this will result in a permanent position. Utrecht University offers trainings and can provide a mentor during the tenure track period.

- You are expected to establish a research line in molecular and cellular biophysics, with an emphasis on physical modelling (and quantitative experimentation).
- You are expected to supervise the research of post-doctoral researchers, PhD candidates and Master's students.
- You are expected to contribute to the development and coordination of the teaching activities of the division, including the development of a novel 2-year course on Physical Biology for biologists
- You are expected to actively seek funding for new research projects through personal, national, European and other international granting opportunities
- You are expected to become an active member of the Utrecht biophysics community
- You are expected to participate in outreach activities, such as public lectures or activities for high school students
- You are expected to speak or learn Dutch.

Requirements:

- You are trained as a physicist/biochemist and have specialized in biophysics during your PhD or Postdoc.
- You have (published) experience in mathematical and physical modeling, such as
 - Reaction-diffusion systems
 - Pattern formation / self-organisation
 - Polymer and membrane mechanics
 - Chemical kinetics
- You are enthusiastic about teaching and course development and have enthusiasm for collaborations within the institute.
- You have good knowledge of and interest in cell biology and are competitive for external funding.

Conditions of employment:

The candidate is offered a full-time position for 5 years, that could result in a permanent position.

The salary is supplemented with a holiday bonus of 8% and an end-of-year bonus of 8,3% per year. In addition we offer: a pension scheme, a partially paid parental leave, flexible employment conditions. Conditions are based on the Collective Labour Agreement Dutch Universities. The research group will provide the candidate with necessary support on all aspects of the project. More information is available on the website:

<http://www.uu.nl/EN/informationfor/jobseekers/Working-for-Utrecht-University/terms-of-employment/Pages/default.aspx>

Salaris:

The gross salary is in the range between € 3.475,- and maximum €4.757,- per month. Scale 11.

Additional information:

Additional information about the vacancy can be obtained from Lukas Kapitein (L.Kapitein@uu.nl).

As part of the selection procedure, the candidate is expected to give an outline of his/her research plans in a written report and a 30 to 45 minute oral presentation.

Sending your applications:

To apply please attach a letter of motivation, a concise research plan, curriculum vitae and (email) addresses of two or three referees. In case of pregnancy and maternity leave or a part-time appointment please also state the corrected H-index.