

A position for a

PhD student in RNA Biology/Biochemistry

is currently available at the Biochemistry department I of the University of Regensburg. The anticipated starting date is January 1, 2014.

The project is funded by the European Union as part of the international training network (ITN) 'RNAtrain' (<http://rnatrain.ku.dk/>). Within this framework, it is mandatory that candidates did not reside or carry out main activities in Germany within the last 3 years (see also: <http://rnatrain.ku.dk/results/-eligibility-criteria/>).

The project:

Long non-coding RNAs have emerged as important regulators of many aspects of cell function. In a screen for such RNAs we have identified several candidates with phenotypes in cell differentiation or metastasis and cancer progression. In this project, these candidates will be characterized in molecular detail. Biochemical purification strategies will be developed to identify RNA-protein interactions. Functional studies will be carried out in our lab or together with partners at the University Hospital, for example.

We expect:

Candidates should hold (or expect to obtain shortly) a Master's or similar degree in Biochemistry or a related subject. Candidates should be highly motivated, open for collaborations and willing to work in a competitive research environment. Experience in *protein biochemistry* or *nucleic acid biochemistry* would be desirable.

We offer:

The PhD project will be carried out within the ITN RNAtrain. The 10 students of the network will meet regularly at different places in Europe to discuss their projects and results. Depending on the project requirements, research stays in other labs of the network are also possible and encouraged. At the University of Regensburg, we offer state-of-the-art research conditions with well-equipped biochemistry labs, spacious

tissue cultures and modern core facilities including mass spectrometry, deep sequencing and microarray analyses. In our lab we offer a stimulating research environment with many projects working on various aspects of non-coding RNA biology.

Please send inquiries and applications to Gunter Meister (gunter.meister@ur.de).