



EU Marie-Curie Initial Training Network



TRANSPOL

A European Research Training Network at the interface of
Cell/Molecular Biology and Membrane Physics

Topic: Transport and Signalling mechanism in Polarized Cells

Call: FP7-PEOPLE-ITN-210

Proposal Number: 264399

Project title: Molecular mechanism of interactions between membranes and large GTPases like hGBP1

Type of position: Early Stage Researcher (ESR)/ PhD position

Reference Code: TRANSPOL-P7

Eligibility: To this position applies a mobility rule. The respective candidate must not have worked for more than 12 months in Germany within the last three years. Furthermore, the candidate needs to be in his/her first four years of his/her research career. The four years are counted from the date a degree was obtained which formally entitles to embark on a doctorate.

Starting date: June 1st, 2011 (*plus or minus 3 months - up to you*)

Duration: 36 months

Salary: According to the Marie Curie-ITN rules: around 36000 Euro/year plus monthly mobility allowance of 500 Euro/month

Short description: Most of the GTP binding proteins are intrinsically linked to the plasma membrane and/or one of the endomembranes. Some of them profit from the molecular organization and co-localization with potential interaction partners while a few – in particular from the family of large GTP binding proteins – are actively involved in membrane shaping, fusion or fission. This project aims at the understanding of the interaction between these proteins and membranes, and more specifically, the quantitative relationships between nucleotide binding/hydrolysis and membrane deforming activities.

Job

Requirements: Experimental background in molecular biology, protein biochemistry and biophysical chemistry.

Host Institute: Department of Physical Chemistry I
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Germany

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How to apply:

please send the following documents via e-mail to the
TRANSPOL coordinating office: transpol@rub.de.

- Clearly indicate the project you are applying for by referring to the Reference code of this job offer
- Letter of motivation (research interests, reasons for applying to this program and project, respectively)
- A complete CV
- Certified copies of University Diploma or Master certificates
- Proof of proficiency in English language
- Two letters of recommendations

**Deadline
for application:** April 29th

**For further
information:** Please contact the supervisor of this project or directly the
TRANSPOL coordinating office: transpol@rub.de