



Marie Curie Initial Training Network (EU Work Programme PEOPLE):  
**POSTICK** - *Post-graduate training network for capacity building to control ticks and tick-borne diseases*

## **Job Vacancy in Budweis (CZ): Graduate Research Position leading to a M.Sc. degree**

The Institute of Parasitology of the Biology Centre, ASCR, v.v.i. in Budweis (Czech Republic) offers a position as an “**Early Stage Researcher**” (ESR) for a duration of 18 months.

The ESR will work on the research topic “Cellular and molecular characterization of *Ehrlichia* spp. grown in tick cell lines” and will obtain a **M.Sc.** degree granted by the University of South Bohemia, which has an outstanding international reputation for its research activities in the field of ticks and tick-borne pathogens.

**Duration:** 18 months starting beginning of 2012  
**Salary:** Full-time employment contract according to EU regulations  
**Objective:** M.Sc. degree granted by the University of South Bohemia

### **Project description:**

The ESR will carry out comparative analyses of functional and structural features of *Ehrlichia* spp. isolated originally from *Rhipicephalus (Boophilus) microplus* and established in tick cells. Interactions of this pathogen with a broad range of available tick cell lines derived from competent vectors as well as non-vector tick species will be investigated. Research approaches include cellular and molecular biology, molecular phylogenetics, light/laser confocal as well as electron microscopy and a 6 weeks research visit at the Ludwig-Maximilians-Universität in Munich/Germany (LMU). Specific training: tick and mammalian cell culture, *in vitro* propagation of *Ehrlichia* spp., basic cellular and molecular biology techniques, and morphological analysis using different microscopic techniques.

This project is part of a Marie Curie Initial Training Network (POSTICK), coordinated by the LMU and funded by the European Commission. POSTICK offers international events (workshops, conferences, networking). For information on POSTICK please visit [www.postick.eu](http://www.postick.eu).

### **Application criteria:**

BSc degree or equivalent in a relevant field (biology, biochemistry, veterinary medicine etc.); good working knowledge of English; according to EU regulations: a maximum of 4 years of research experience and no PhD degree.

Please send your application including Letter of Motivation and detailed *Curriculum vitae* (pdf format) to the project coordination: [postick@tropaeo.vetmed.uni-muenchen.de](mailto:postick@tropaeo.vetmed.uni-muenchen.de)

**Application deadline: 15<sup>th</sup> November 2011**