The Cell Biology Division of the Biology Department of the Friedrich-Alexander-University in Erlangen-Nuremberg (Germany) is offering a PhD studentship in Plant Cell and Molecular Biology.

The studentship is available starting 1st of April 2017, and is funded (TV-L E13/65%) for three years through the DFG (German Research Foundation) sponsored Research Graduate School "Dynamic Interactions at Biological Membranes" (RTG1962; http://www.biomembranes.org/). This Graduate School represents an interdisciplinary research and career development effort at the interface between biology (cell & molecular), mathematics and physics (experimental & theoretical).

Participating PhD students are
> supervised and mentored by a board of three principal investigators,
> receive theoretical (lectures) & practical (hands-on courses) training tailored to their needs and
> spend several weeks in a collaborating top laboratory outside of Germany.

The FAU Cell Biology Division offers a dynamic, developing, ambitious, international and supportive working environment embedded within the FAU Department of Biology, a prominent Center of Molecular, Cellular and Development Biology near Nuremberg in Germany.

Highly motivated candidates with a MSc/Diploma in Biology (or a related field), good communication skills in English (oral & in writing) and the ability to work well both independently and in a team are encouraged to apply. The successful applicant will pursue the following research project:

Targeting of proteins that control polar cell growth to distinct plasma membrane domains
> In vivo protein dynamics in living pollen tube cells (advanced light microscopy, FRAP, photo-activation/conversion)
> Identification/characterization of protein targeting domains & interacting factors (cell & molecular biology, biochemistry, genetics)
> Modeling of targeting processes (theoretical biology)

For further information & application contact:
Prof. Dr. Benedikt Kost
benedikt.kost@fau.de <mailto:benedikt.kost@fau.de>
+49 (0) 9131 85 28216,
https://www.zellbio.nat.fau.de/

Application: by email until 31.3.2017; incl. letter of motivation, CV, list of publications, names of 2 references