

Postdoctoral Positions in Plant Epigenetics at the Uppsala BioCenter, Sweden

Applications are invited for two two-year postdoctoral positions on the ERC project "Mechanisms of polyploidy-mediated postzygotic reproductive isolation", led by Professor Claudia Köhler. It is anticipated that the successful applicants will start in December 2011 or January 2012.

The projects will focus on (i) epigenetic mechanisms in the endosperm causing interploidy and interspecies hybridization failure, (ii) mechanisms underlying genomic imprinting in plants, (iii) epigenetic mechanisms coordinating seed growth. Research in the laboratory combines plant molecular genetics with bioinformatics to study epigenetic mechanisms regulating seed development (see for example Erilova et al. (2009) PLoS Genet. 5:e1000663, Weinhofer et al. (2010) PLoS Genetics 6: e1001152, Wolff et al. (2011) PLoS Genet. 6:e102126).

The successful applicant will work in the research group of Claudia Köhler (<http://www.slu.se/ckohler>) at the Department of Plant Biology and Forest Genetics at the SLU, Uppsala. The department offers a creative and stimulating international environment, and is one of six departments that make up the new cluster 'Uppsala BioCenter' at SLU (<http://www.slu.se/en/faculties/nl/about-the-faculty/cluster/uppsala-biocenter/>).

The positions are open to enthusiastic individuals with a strong record of scientific productivity. Applicants should have a solid background in molecular biology and genetics; skills and interest in bioinformatics are desired but not essential. Candidates with a strong interest in epigenetics are especially encouraged to apply.

Applications, including CV, a description of research experiences, a statement of scientific interests as well as contact information of two to three referees should be submitted by e-mail to: claudia.kohler@slu.se.

The deadline for applications is November 4th, 2011.