



Early-Stage Researchers (PhD) and Experienced Researchers (PostDoc) within FP7 Initial Training Network "CropLife"



Eleven Early Stage Researcher (ESR) positions and two ER positions are offered in the FP7 Marie Curie Initial Training Network (ITN) *CropLife* entitled "Enhanced plant productivity through control of lifespan". *CropLife* focuses on leaf lifespan as a major determinant of plant productivity and aims to gain a greater understanding of the basic mechanism and genetic control of senescence and to develop new breeding strategies for prolonging leaf photosynthesis and delaying senescence processes. The network focuses on barley as a major temperate grain crop and perennial ryegrass as a biomass and forage crop. *CropLife* provides intersectorial experience by integrating partners from the public and private sectors in six European countries. The training programme includes state-of-the-art local training activities and network-wide courses, summer schools, workshops as well as courses on complementary skills. The ESRs will benefit from high quality training, secondments in partner laboratories and intersectorial visits. *We are looking for enthusiastic and self-motivated people, who will fully engage in the team spirit of a dynamic interdisciplinary research group.*

Projects and *CropLife* Partners:

ESR1: "Plastid-nucleus located transcription factors"; K. Krupinska, Institute of Botany, Christian-Albrechts Universität zu Kiel, Germany

ESR2: "NAC transcription factors controlling nitrogen remobilisation"; P.B. Holm, Genetics and Biotechnology University of Aarhus, Denmark

ESR3: "Epigenetic control of key transcription factors"; K. Humbeck, Institute of Plant Physiology, Martin-Luther-Universität Halle, Germany

ESR4: "Identification of QTL and molecular markers of ryegrass"; D. Thorogood, Institute of Biological, Environmental and Rural Sciences, Aberystwyth University, United Kingdom

ESR5: "Chlorophyll degradation as an early marker of senescence"; S. Hörtensteiner, Institute of Plant Biology, University of Zürich, Switzerland

ESR6: "Nitrogen remobilisation in barley mutants"; C. Masclaux-Daubresse, Plant Nitrogen Nutrition IJPB Institut National de la Recherche Agronomique Versailles, France

ESR7: "Redox state and reactive oxygen species as signals"; K. Strzalka, Faculty of Biochem., Biophysics and Biotechnology Jagiellonian University, Crakow, Poland

ESR8: "Identification of lifespan control genes in barley mutants"; Dr. M. Hansson, Carlsberg Laboratory Carlsberg Research Centre University, Copenhagen, Denmark

ESR9: "Regulation of cellular oxidation and protease activities"; C. Foyer, Centre for Plant Sciences, Faculty of Biology University of Leeds, United Kingdom

ESR10: "Multisite evaluation of ryegrass germplasm", G. Leckband, Department for Research Project Management Norddeutsche Pflanzenzucht Hans-Georg Lembke KG, Hohenlieth, Germany

ESR11: "Expression of genes encoding key transcription factors", D. Stelling, Breeding, Euro Grass Breeding GmbH & Co. KG, Lippstadt, Germany

ER1: "Exploitation of microarray data and barley transformation"; P.B. Holm, Genetics and Biotechnology University of Aarhus, Denmark

ER2: "Identification of QTL for different senescence patterns"; D. Thorogood, Institute of Biological, Environmental and Rural Sciences, Aberystwyth University, United Kingdom

Benefit

Besides a full employment contract, including social security, the candidate will receive mobility and travel allowances, and a career exploratory allowance. **A full-time doctoral fellowship for a period of 3 years** for ESRs, and for ERs two-year positions are offered. Please see Marie Curie Website for eligibility and remuneration details.

ftp://ftp.cordis.europa.eu/pub/ftp7/docs/ftp7-mga-annex3intramulti_en.pdf

Requirements:

Outstanding ESR candidates must hold a Master/Diploma degree. ERs must either be in possession of a doctoral degree in an appropriate subject, irrespective of the time taken to acquire it, or have at least four years of full-time equivalent research experience. In addition, ERs must also have less than five years of full-time equivalent research experience.

Applicants must be eligible to be appointed as an Early Stage Researcher or an Experience Researcher under the European Commission Framework 7 Early Stage Research Training Scheme.

You are either an EU citizen or from outside the EU (subject to relevant immigration formalities), who **has spent less than 12 months in the host country in the last three years** (e.g. to be eligible for these positions, applicants must have spent less than 12 months in the host country over the last 3 years) at the time of selection.

Equal consideration will be given to female or male applicants. We particularly encourage candidates from underrepresented minorities to apply.

Degree field: biology science, biochemistry

Required language: Fluency in oral and written English is required

How to Apply

Send your CV, a list of courses taken, a copy of your university degree and school diploma, a cover letter outlining your qualifications for the preferred positions including at least two references and their contact information until the end of January 2011 to

Prof. Dr. Karin Krupinska
Institute of Botany
Christian-Albrechts-University of Kiel
Olshausenstr. 4
D-24118 Kiel
Germany

Initial applications via email (cdesel@bot.uni-kiel.de) are only accepted if followed by a signed hard copy original. Please only attach one file including your CV to your Email and send further materials by post only.

For further information contact our website:

<http://www.uni-kiel.de/krupinska/croplife/croplife.html>

