

## Research scientist

# Phytochrome structure/function

A postdoc position funded by the DFG is available in the Department of Plant Physiology, Faculty of Biology & Chemistry at the Justus Liebig University in Giessen, Germany.

The aim of the project is to derive an understanding of the functional mechanism underlying photoconversion and intramolecular signalling in the phytochrome family of photoreceptors. The work relies on long-standing with the Essen group (X-ray crystallography) in Marburg and the Matysik group (MAS NMR) in Leipzig, both of which have already led to numerous prominent publications. The primary role of the Giessen lab is to exploit established and novel molecular-genetic methods to generate appropriate material for the structure studies and to gain functional insights on the basis of further investigations. There will also be opportunities for visiting and working directly with the crystallography and NMR groups. For further details see [www.uni-giessen.de/cms/fbz/fb08/Inst/pflphys/pflaphygroups/ag-hughes](http://www.uni-giessen.de/cms/fbz/fb08/Inst/pflphys/pflaphygroups/ag-hughes)

Candidates should be interested in phytochrome molecular biology and/or physicochemical analysis of protein structure/function as well as the notion of entering new scientific fields, developing new methods and making discoveries. They should be proficient in written and spoken English and able to work constructively in a multinational, interdisciplinary team.

Please send your application by e-mail, including a tabular CV as well as a one-page description of how you might contribute to the project to Professor Jon Hughes ([jon.hughes@uni-giessen.de](mailto:jon.hughes@uni-giessen.de)).

The JLU wishes to increase the proportion of female scientists and thus especially encourages appropriately-qualified women to apply. Applications from disabled persons will be preferred over those of their peers.