The Institute of Biochemistry II, Medical Faculty of the Goethe University in Frankfurt, Germany invites applications for

Two Postdoctoral fellows:

“Ubiquitin sensors in vivo”

“Molecular characterization of selective autophagy”

We are seeking for outstanding and ambitious PhD candidates with a strong background in biochemistry, cell and molecular biology or light microscopy techniques.

We are particularly interested in creating **ubiquitin sensors** in vivo that are able to detect the length and specificity of ubiquitin chains. The other project is focused on the molecular basis of **selective autophagy** by studying autophagy receptors involved in clearance of protein aggregates, cellular organelles like mitochondria or pathogens.

Both positions are exceptionally well funded via the ERC advanced grant and are guaranteed for 3 years and may be prolonged for addition 2 years.

Formal applications, including a CV, the names and contact details of three referees and a concise description of research interests and future plans should be addressed to:

Ivan Dikic, Institute of Biochemistry II, Medical Faculty – Goethe University, University Hospital, Building 75, Theodor-Stern-Kai 7, 60590 Frankfurt am Main, Germany or to office@biochem2.de. More info: http://www.biochem2.de and http://www.fmls-institute.de/.