

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:

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