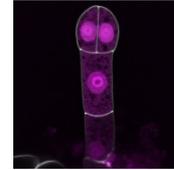
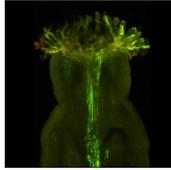




# Max Planck Institute for Developmental Biology

Department of Cell Biology



We are looking for a highly motivated PhD student candidate with a strong background and interest in plant genetics and/or protein biochemistry/structural biology.

Our group is interested in plant reproduction including fertilization, embryogenesis and seed development. We are investigating molecular signaling pathways that link fertilization with the onset of embryogenesis and pattern formation in plants. The project focuses on the embryonic YODA signaling pathway that is involved in determining the apical basal axis of the plant embryo and supports extra-embryonic suspensor formation.

We offer a stimulating environment in a small group that allows close interaction with colleagues and supervisor. Furthermore, the Max Planck Institute for Developmental Biology is a world-renowned research institute offering an international, interdisciplinary environment and cutting-edge scientific resources.

For more information, please visit our website:

<http://www.eb.tuebingen.mpg.de/research/departments/cell-biology/martin-bayer.html>

Candidates should hold a Master degree in biology, biochemistry or related subject.

Applicants should be motivated to work in an international team and be trained in standard molecular and cell biological techniques. Previous experience with Arabidopsis and plant genetics would be an advantage.

Applications including CV, research experience as well as future research interests should be sent by e-Mail to:

**[martin.bayer@tuebingen.mpg.de](mailto:martin.bayer@tuebingen.mpg.de)**

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