



We are looking for a PhD student (m/f/d) to join the Algae Chromatin Group, led by Dr Michael Borg, in the Department of Algal Development and Evolution at the Max Planck Institute for Biology in Tübingen.

**Research project:**

Red algae are a diverse group of marine algae that form a distinct eukaryotic lineage within the Plant kingdom. Like plants, red algae also undergo an alternation of generations during their life history, but they are unique among eukaryotes in that they express three distinct life phases. Navigation through this complex life history involves the differentiation of complex organs that support a sophisticated mode of sexual reproduction that rivals that seen in land plants. Despite their ancient origin and essential role in aquatic ecosystems, very little is known about red algal development at a molecular level, while many other aspects of their biology remain virtually unexplored. This project aims to establish a novel model organism to study molecular and developmental biology in red algae and ultimately determine how the epigenome influences their fascinating reproduction and unique life history.

**Our requirements:**

- hold, or expect to hold, a Masters (or BSc) degree in Molecular Biology, Plant Biology or related subject area. All prior degree work must be finished before the PhD start date.
- have an interest, skills and/or knowledge in Developmental Biology and Epigenetics and are keen to perform both wet-lab work and bioinformatic analysis.
- be able to demonstrate a high level of written and spoken English.
- If you have obtained your degree(s) outside the [European Higher Education Area](#) your application should include scores from the [GRE General Test](#).

**Our offer**

The Tübingen International PhD Program in the Biological Sciences (TIPP) provides future you with comprehensive training that promotes scientific excellence, independence and creativity. We offer

- excellent facilities
- tailored support from your advisor and a thesis advisory committee
- core and optional development opportunities to improve your scientific and transferable skills
- multicultural environment with English as the working language
- A fully funded research position (65% E13 TVöD Bund). The salary includes all mandatory social insurance contributions for healthcare, unemployment, and retirement benefits.

The position is available from March 2022 (although a later starting date is possible).

**Interested?**

To apply, please register and complete our online application form on [https://phdapp.tue.mpg.de/registration/TIPP\\_registration\\_2021\\_MB](https://phdapp.tue.mpg.de/registration/TIPP_registration_2021_MB)

The Max Planck Society is committed to employing more disabled individuals and especially encourages them to apply. Overall, the Max Planck Society strives to increase diversity in all scientific fields. We particularly welcome applications from persons with backgrounds that



have so far been underrepresented in science and research with regard to gender, age, professional and cultural background, family situation, sexual orientation, and nationality.

**Application deadline: 06 February 2022**

For more information about the Tübingen International PhD Program in Biological Sciences (TIPP) go to: <https://www.phd.tuebingen.mpg.de/tipp>

For further information about the research project, please contact Dr. Michael Borg (michael.borg@tuebingen.mpg.de)