

Friedrich Miescher Laboratory of the Max Planck Society
Tuebingen
Germany

Weir Lab: Structural Biochemistry of Meiosis

We are looking for a PhD student to join our new group at the Friedrich Miescher Laboratory on the Max Planck Campus in Tuebingen, southern Germany.

We

- Are interested in understanding molecular mechanisms in early meiosis
- Take a bottom up approach, building meiotic machines from scratch to understand them in detail
- Use a combination of protein biochemistry, structural biology and yeast genetics
- Are a small lab offering close supervision and support at this pivotal stage in your career
- Are generously funded by the Max Planck society, one of the world's most successful basic research organisations
- Have in-house access to
 - Extensive protein expression and purification set-up
 - EM and Cryo-EM core facilities
 - X-ray (in-house robotics and regular synchrotron beam time)
 - NMR facility
 - Light microscopy facility
 - Excellent biophysical instrumentation (e.g. ITC, MST)
- Are located in the picturesque yet lively town of Tuebingen, where students make up over 30% of the population

You

- Are interested in understanding how molecular machines work
- Enjoy working both on your own and as part of a team
- Appreciate detailed problem solving
- Would like to visit international conferences and present your data
- Have some background in either structural biology or biochemistry
- Would like to broaden your knowledge and expertise including extensive transferable skills
- Have a Masters degree or a Bachelors degree plus relevant research experience

Apply

Please send a letter detailing why you would like to join our lab, plus your CV to John Weir (john.weir@tuebingen.mpg.de) by January 30th 2017 at the latest (earlier applications will be considered first).

The Max Planck Society is committed to employing more disabled individuals and especially encourages them to apply. Furthermore the Max Planck Society seeks to increase the number of women in those areas where they are underrepresented and therefore explicitly encourages women to apply.

weirlab.com