

Masters (Diplomanden/IN) in Genetics and Evolutionary Biology
Johannes Kepler University

The laboratory of Assoc. Prof. Tiemann-Boege at the department of Biophysics at the Johannes Kepler University, Linz is seeking to recruit new students interested in pursuing their Master's degree (Diplom). Applications from young scientists interested in working with next generation technologies and new methods for DNA analysis are particularly welcomed. Trained and self-motivated candidates eager to learn new techniques and driven enough to pursue the publication of the results of her/his diploma thesis in an international peer-reviewed journal should apply.

The work will complement the ongoing research of the Tiemann-Boege group in single molecule genetics focused in understanding the molecular evolution of the human genome driven by processes like mutation and recombination. The specific projects at hand are to study the mutagenic effects of meiotic recombination, the role of epigenetic modifications in the activity of recombination hotspots, development of ultrasensitive detection methods with next generation sequencing technologies, and the increase of mutational load with paternal age.

Applications should include a cover letter, a CV, and contact information of two references and should be sent to Assoc. Prof. Tiemann Boege by email: Irene.Tiemann@jku.at.

Starting date will be established upon mutual agreement, but as soon as possible.

Further information is available at:
<http://www.jku.at/biophysics/content/e54633/e97350/>

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