

A position for a **postdoc** in the field of genome analysis and bioinformatics is available in the group of Diethard Tautz (Max-Planck Institute for Evolutionary Biology, Department of Evolutionary Genetics, Ploen, Germany). The postdoc will join the sub-group working on de novo evolution of genes, funded by an ERC advanced grant. The insights into de novo evolution of genes shapes currently into a new paradigm of genome evolution (see Neme and Tautz 2014: CurrBiol 24:R38). A large genomic and transcriptomic dataset has been created for a range of species representing the evolutionary lineage towards the house mouse (*Mus musculus*). Further population-level genome and transcriptome sequencing is ongoing. These data provide an excellent basis for studying in molecular detail the emergence of new genes from non-coding sequences. The postdoc will be part of a team of PhD students and postdocs who work on all aspects of de novo evolution, including functional testing in cell lines and mouse knockouts. The postdoc will also have the chance to initiate own experiments.

Qualification: PhD in genome data analysis, including programming and statistics; experience in protein structure analysis and/or population genetics would be of advantage. Salary will be according to the TvoD 13-14 scale (depending on experience), including social benefits and pension scheme. The position is initially for two years, but can be extended. The Max-Planck Institut for Evolutionary Biology in Ploen has developed in the past years into a major center for basic research on evolutionary topics, ranging from evolutionary genetics, evolutionary ecology, experimental evolution to evolutionary theory. It runs together with the nearby University of Kiel an international graduate program (IMPRS in Evolutionary Biology) and a Master program in Molecular Biology and Evolution. Scientists come from all over the world and the working language is english. Ploen is a small village in a beautiful postglacially shaped landscape with all the amenities of a touristically active area. Two major cities (Kiel and Luebeck) as well as the Baltic Sea are only 30-40min away, Hamburg is about 90min away (all well connected by train). Applications should include a CV and a publication list (including papers in press or submitted), a statement of motivation, as well as two names for obtaining letters of reference. Applications should be sent by email with documents attached as pdf files to Diethard Tautz (tautz@evolbio.mpg.de). Prof. Dr. Diethard Tautz Max-Planck-Institut fuer Evolutionsbiologie Abteilung Evolutionsgenetik August-Thienemannstrasse 2 24306 Ploen (Germany) Tel.: 04522 763 390 Fax: 04522 763 281 tautz@evolbio.mpg.de <http://www.evolbio.mpg.de/15929/evolutionarygenetics>