

1.) Postdoctoral position The newly established Research Group Evolutionary Immunogenomics in the Department of Evolutionary Ecology at the Max-Planck Institute for

Evolutionary Biology in Plön/Germany has an opening for a

Post-Doctoral Research Fellow

Our research explores the evolution of immunogenetic and genomic variability and its implications for individual immunocompetence and ultimately fitness. We are mainly focusing on data from human populations, using a wide spectrum of approaches from molecular biology and high-throughput sequencing to computational analyses and theoretical modeling, but also employ experimental model systems (stickleback, mouse) to test predictions in the lab. Our scientific motivation ranges from pure curiosity about evolutionary processes to the desire to push the practical boundaries of Evolutionary and Personalized Medicine. Specific projects within the scheme of the lab are flexible and can be tailored to skills and interest of the successful candidate. The group is part of the Max Planck Institute for Evolutionary Biology with its vibrant and collaborative research community of experimental, computational, and theoretical labs that all share a common interest in Evolutionary Biology. Cutting edge infrastructure is available at all levels, including high-performance computer clusters, a next-gen sequencing core facility, as well as molecular and experimental labs with substantial fish and mouse rearing facilities. The institute also maintains strong ties to Kiel University with large communities in evolutionary biology and medical genetics. Furthermore, our lab is currently collaborating on a number of projects with groups at Harvard Medical School in Boston and the University of Texas in Austin. Working language at the institute is English. This position requires a PhD/Dr. in Evolutionary Biology, Computational Biology, Genetics/Genomics or a related field. The ideal candidate has a strong interest in evolutionary questions and is motivated to cross interdisciplinary boundaries and think outside the box. Molecular and/or computational experience is highly desirable and a background in molecular evolution, population genomics and/or immunology a plus. The initial appointment is for one year, with the possibility of extension by up to two more years, based on performance. The starting date is flexible and can be immediate. The Max Planck Fellowship is competitive and includes additional support for health insurance and family (if applicable). Furthermore, housing and living in this area is very affordable. The Max Planck Society is committed to employing more handicapped individuals and especially encourages them to apply. The Society also seeks to increase the number of women in those areas where they are underrepresented and therefore explicitly encourages female candidates to apply. The institute is located in Plön, northern Germany, in close proximity to the university cities of Kiel and Lübeck and not far from Hamburg, the second-largest city in Germany. Frequent train connections allow for an easy commute between Plön and Kiel/Lübeck (each 30 min) and provide general access to the well-developed European train network. Plön is surrounded by a beautiful landscape with many lakes and provides ample opportunity for water sports and other outdoor activities. To apply, please send a cover letter with your motivation/interests and research experience (2 pages max), CV, and contact info of 2-3 references in one PDF file to lenz <a>

evolbio.mpg.de

, using the subject line [UTF-8?]â€œ Post-Doc in Evolutionary [UTF-8?]Immunogenomicsâ€œ.

Review of applications

will start Nov 15th and will continue until the position is filled.

Informal inquiries are welcome. For more information about our research and the institute, please visit the [UTF-8?]labâ€™s website at

<http://www.evolbio.mpg.de/EvolutionaryImmunogenomics>

Dr. Tobias Lenz Group Leader in Evolutionary Immunogenomics Department of Evolutionary Ecology Max Planck Institute for Evolutionary Biology August-Thienemann-Str. 2 24306 Plön Germany

lenz@evolbio.mpg.de

2.) PhD position

The newly established Research Group Evolutionary Immunogenomics in the

Department of Evolutionary Ecology at the Max-Planck Institute for Evolutionary Biology in Plön/Germany has an opening for a

PhD student

Our research explores the evolution of immunogenetic and genomic variability and its implications for individual immunocompetence and ultimately fitness. We are mainly focusing on data from human populations, using a wide spectrum of approaches from molecular biology and high-throughput sequencing to computational analyses and theoretical modeling, but also employ experimental model systems (stickleback, mouse) to test predictions in the lab. Our scientific motivation ranges from pure curiosity about evolutionary processes to the desire to push the practical boundaries of Evolutionary and Personalized Medicine. Specific projects within the scheme of the lab are flexible and can be tailored to skills and interest of the successful candidate. The group is part of the Max Planck Institute for Evolutionary Biology with its vibrant and collaborative research community of experimental, computational, and theoretical labs that all share a common interest in Evolutionary Biology. Cutting edge infrastructure is available at all levels, including high-performance computer clusters, a next-gen sequencing core facility, as well as molecular and experimental labs with substantial fish and mouse rearing facilities. The institute also maintains strong ties to Kiel University with large communities in evolutionary biology and medical genetics. Furthermore, our lab is currently collaborating on a number of projects with groups at Harvard Medical School in Boston and the University of Texas in Austin. Working language at the institute is English.

This position requires a [UTF-8?]Masterâs/Diplom degree in Biology, Bioinformatics, Genetics or a related field. The ideal candidate is fascinated by evolutionary questions and eager to learn and master new skills and tools. The duration and funding of a PhD project in the German university system is generally aimed at three years. PhD candidates at the institute have the opportunity to become member of the International Max Planck Research School for Evolutionary Biology in collaboration with the University of Kiel. The PhD fellowship is funded for three years, extension possible. The starting date is flexible and can be immediate. The fellowship includes support for health insurance and family (if applicable), and housing and living in this area is affordable. The Max Planck Society is committed to employing more handicapped individuals and especially encourages them to apply. The Society also seeks to increase the number of women in those areas where they are underrepresented and therefore explicitly encourages female candidates to apply. The institute is located in Plön, northern Germany, in close proximity to the university cities of Kiel and Lübeck and not far from Hamburg, the second-largest city in Germany. Frequent train connections allow for an easy commute between Plön and Kiel/Lübeck (each 30 min) and provide general access to the well-developed European train network. Ploen is surrounded by a beautiful landscape with many lakes and provides ample opportunity for water sports and other outdoor activities. To apply, please send a cover letter with your motivation/interests and research experience (1 page max), CV, and contact info of 2-3 references in one PDF file to lenz <a>

evolbio.mpg.de

, using the subject line [UTF-8?]â PhD in Evolutionary [UTF-8?]Immunogenomicsâ.

Review of applications will start Nov

15th and will continue until the position is filled.

Informal inquiries are welcome. For more information about our research and the institute, please visit the [UTF-8?]labâs website at

<http://www.evolbio.mpg.de/EvolutionaryImmunogenomics>

Dr. Tobias Lenz Group Leader in Evolutionary Immunogenomics Department of Evolutionary Ecology Max Planck Institute for Evolutionary Biology August-Thienemann-Str. 2 24306 Ploen Germany

lenz@evolbio.mpg.de