

Postdoc on Human Evolution

Freie Universität Berlin, Germany

Group of Katja Nowick

Our group “Human Biology and primate Evolution“ investigates the molecular evolution of humans using state-of-the art experimental and computational methods. Our focus is on differences in gene regulation, evolution of transcription factors and non-coding RNAs and their influence on the evolution of the human brain, its development and functions.

The postdoc is expected to propose and develop a research project that fits to the general interests of the group. Requirements for the position are a Dr. rer. nat. or PhD in Biology or Bioinformatics or another relevant field. The ideal candidate would have a strong interest in human evolution and expertise within multiple of the following areas: conducting research with induced pluripotent stem cells, differentiation into neuronal cells, CRISPR/Cas9, functional investigation of transcription factors and non-coding RNAs, ChIP-Seq, ChIRP-Seq, RNA-Seq, gene regulatory networks, computational analysis of –omics data, R, Python, network analysis.

She/he will participate in teaching “Human Biology” (in German) as well as in “Human Evolution” and/or “Bioinformatics for Biologists” (in English). The position allows for supervising Bachelor and Master students as well as for applying for own funding, and is thus a good opportunity for acquiring necessary experience for applying for faculty positions afterward. It is initially for three years but can be extended to up to six years. Scientific communication within the group is in English.

If interested, please send a motivation letter including your project idea along with your CV and two reference letters to katja.nowick@fu-berlin.de.

