

Max-Planck Institute for Developmental Biology

The Department for Integrative Evolutionary Biology (Ralf J. Sommer)
invites applications for a

Postdoctoral Position: Single cell RNAseq in the Nematode Model *Pristionchus pacificus*

The Department has an active research program studying the predatory model nematode *Pristionchus pacificus* with state-of-the-art facilities in molecular biology, nematode genetics, genomics, HPLC/MS-MS chemistry, bioinformatics and nematology/entomology. Our highly interdisciplinary research team works at the interphase between development, evolution and ecology. Our studies are supported by a collection of more than thousand *P. pacificus* strains and around 50 *Pristionchus* and related species. We investigate among others, the development and evolution of mouth-form plasticity, dauer formation, nematode self-recognition, nematode – microbial interactions, speciation genetics, small molecule chemistry and population genetics.

We seek a suitable candidate to establish an RNAseq platform in *P. pacificus*, which will allow multiple inroads into neurobiology, development, metabolism and comparative biology with *C. elegans*. Candidates will have demonstrated strong experience in single cell RNAseq and computational analyses. Initial appointments are for two years.

Closing date: 01-18-2019

Selected reading: <http://www.eb.tuebingen.mpg.de/integrative-evolutionary-biology/>

Please submit applications to:

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