The Bonasio Lab

MAX-PLANCK-HUMBOLDT RESEARCH AWARD

UNIVERSITÄTS KLINIKUM FREIBURG

POSTDOCTORAL FELLOW POSITION
BONASIO LAB (FREIBURG OUTPOST)

The Bonasio Lab is looking for a postdoctoral fellow to join their Max Planck-von Humboldt team at the University of Freiburg–Medical Center. The position is available now (May 2022) and fully funded for at least 4 years.

Project description

The Max Planck & von Humboldt foundation selected Dr. Roberto Bonasio as the winner of the Research Award for 2020. This award is funding a project led by Dr. Bonasio and in collaboration with two scientists at the University of Freiburg–Medical Center, Drs. Marco Prinz and Marc Timmers. The project is part of the Bonasio Lab ongoing efforts to understand the role of chromatin and epigenetics in brain function and behavior. In particular, the team in Freiburg will use reprogrammable ants (*Harpegnathos saltator*) and fruit flies (*Drosophila melanogaster*) to study molecular and cellular plasticity associated with changes in behavior.

Candidate requirements

We seek motivated and independent individuals with a Ph.D. in biology or related topic. Previous experience in neuroscience or epigenetics is not required. Many potential project directions and approaches are available. Typically we take a multidisciplinary approach and combine functional genomics, biochemistry, and behavioral assays.

More information

For recent publications on this research area of the lab see:

- Gospocic, Cell 2021. *Kr-h1 maintains distinct caste-specific neurotranscriptomes in response to socially regulated hormones.*
- Sheng et al, Science Advances 2020. *Social reprogramming in ants induces longevity-associated glia remodeling*.
- Gospocic et al, Cell 2017. *The neuropeptide corazonin controls social behavior and caste identity in ants.*

For information on the Max Planck-von Humboldt Research Award 2020 see:

- Interview: "*Any worker can become a queen*"
- Video interview: "*Meet the prizewinner 2020*"

Contact

If interested please write to roberto@bonasiolab.org.