

**Invitation to a Guest Lecture  
at the joint colloquium of the Institute of Biology and Environmental Sciences and the  
Department of Neuroscience**

**Module bio890: Current topics in biology**

**Prof. Dr. Basil el Jundi**

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### **Linking brain and behavior in insect navigation**

Despite their small size, insects, such as the Monarch butterfly, reveal astonishing abilities in spatial orientation and navigation that can sometimes even rival those of vertebrates. To understand the behavioral, sensory, and neural mechanisms underlying these highly directed orientation behaviors, we apply a wide range of approaches, from behavioral experiments in the lab and in nature to neuroanatomical and electrophysiological studies.

**28.10.2025, 16:00 Uhr, W04 1-162 / hybrid**

Host: Prof. Dr. Gabriele Gerlach (Animal Biodiversity and Evolutionary Biology), IBU

Members of all institutes are cordially invited to join the lecture.