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Department für Biologie  
Schwerpunkt Ökologie

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**ÖKOLOGISCHES KOLLOQUIUM**  
des Instituts für Zoologie in person in room 0.024

**Wednesday, 19.03.2025, 01:15 pm**



Prof. Dr. Oliver Hobert

Columbia University, Department of Biological Sciences

Host: Dr. Philipp Schiffer

**Nervous system patterning and evolution in nematodes**

I will first describe organizational principles of cell type specification and diversification in the nervous system of *C. elegans*. These principles involve coregulation of terminal identity features of individual neuron classes by combinations of homeodomain transcription factors and suggest substrates for evolutionary changes in neuronal cell type specification. To discover and mechanistically probe such substrates of evolutionary change, we have begun to delineate nervous system structure and development in distantly related nematode species.

**Gäste sind herzlich willkommen!**  
**Die Mitarbeiter/innen der Ökologie**

→ bei Rückfragen: 470-8242 (Niedeggen)