



## **Biological Colloquium**

**Tuesday, 21 January 2025, 17:00h im Hörsaal H8**

### **Prof. José Grünzweig**

Hebrew University of Jerusalem, Israel



### **Can ecosystems globally adopt dryland mechanisms to adapt to climate change?**

Continued warming and drying of the climate has the potential to deteriorate the state and performance of many ecosystems. The dry regions of the world have developed various mechanisms that contribute to their adaptation to heat and drought and thus maintain ecosystem functioning. These dryland mechanisms affect multiple processes, including productivity, decomposition, resource cycling, and water flow. Adaptive land management could implement these dryland mechanisms to provide climate change adaptation strategies and increase resilience to extreme climatic events in humid ecosystems.

***Students and colleagues are all welcome!***