

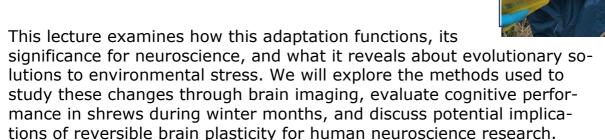
Vortrag Oberstufe Freitag 7.11.2025 15:00 – 16:30 Uhr Technisches Gymnasium Waldshut, Raum 213

Neuroscience: reversible brain plasticity



Dr. Cecilia Baldoni, Max Planck Institute of Animal Behavior, Radolfzell, Post-Doctoral Researcher - IMPRS Alumni

Some animals undergo dramatic seasonal changes in brain size: the common shrew, a small mammal native to Europe, experiences a reduction in brain volume of approximately 20% during winter, followed by regrowth in spring. Shrews possess exceptionally high metabolic rates and must consume nearly their body weight in food daily to survive. When winter arrives and food availability decreases, their bodies—including their brains—undergo substantial reduction, then recover the following spring.



An event for all participants of the upper school Hochrhein-Seminar.de. (Guests are welcome: goldau@hochrhein-seminar.de)

T. Hallmann / R. Goldau