



DIGS-ILS

DRESDEN INTERNATIONAL GRADUATE SCHOOL
FOR INTERDISCIPLINARY LIFE SCIENCES

JARED STERNECKERT GROUP

IPS CELLS AND NEURODEGENERATIVE DISEASES

**Seminar, room L1.3 - [MO 17],
Campi 213/A (Physics)**

Friday 29 may 2026, 11h00

**Title: New insights into axonal
vulnerability to ALS using iPS cells**

Jared Sterneckert earned his Ph.D. from Johns Hopkins University (2005) under Prof. J.D. Gearhart, directing human pluripotent stem cells toward motor neurons to model ALS. He then led a subgroup in Prof. H. Schöler's lab at the Max Planck Institute, developing early high-throughput neurodegeneration and isogenic Parkinson's disease models, both published in Cell Stem Cell. In 2014, he joined TU Dresden's Center for Regenerative Therapies and became a tenured Professor in 2021. His research uses induced pluripotent stem cells to study neurodegeneration and develop new therapies, especially for ALS.

HOST: Prof. Serena Carra



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Department of Biomedical,
Metabolic and Neural Sciences