

GaLSIC Guest Seminar

“Glycosciences.de web portal and
MonosaccharideDB: History, current state, and
future directions”

Dr. Thomas Lütteke PhD

Lecturer (in veterinary biochemistry)

Justus-Liebig-University,

Institute of Veterinary Physiology and Biochemistry,

Giessen, Germany



Date: Thursday, September 24th

Time: 3:00 PM – 4:30 PM

Room: E207



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Research Bio

- After studying biology and doing a wet-lab diploma thesis in molecular parasitology, Thomas switched to glycoinformatics for his PhD thesis and joined the group of Claus-Wilhelm von der Lieth at DKFZ in Heidelberg (Germany) in 2001. There, he developed tools to detect, validate and analyze carbohydrates in Protein Data Bank (PDB) entries, and was involved in setting up the Glycosciences.de portal.
- As a PostDoc he worked in the Consortium for Functional Glycomics (CFG) at MIT (USA) on cross-linking entries of CFG and Glycosciences.de databases. Afterwards, he moved to Utrecht University (NL) and started developing MonosaccharideDB there. From 2008-2014 he was Juniorprofessor at University of Giessen (Germany), where he continued working on Glycosciences.de and MonosaccharideDB.
- After some years as software engineer in industry, he returned to Giessen University in 2021 as a lecturer in biochemistry.
- His main research interests are still in glycoinformatics, particularly glycan databases, monosaccharides, notation, and 3D structures of glycans.