

Nantes Université, Oniris, INSERM  
Regenerative Medicine and Skeleton, RMeS, UMR 1229,  
F-44000 Nantes, France

Le 8 juillet à 11h dans l'amphithéâtre Ricordeau

Tony Lefebvre nous présentera un séminaire intitulé «Regulation of beta-catenin and fatty acid synthase by O-GlcNAcylation»



Tony Lefebvre is a Professor of Biochemistry and Molecular Biology at the University of Lille, France, and a member of the Structural and Functional Glycobiology Unit UGSF, UMR 8576 CNRS/University of Lille.

His research focuses on *O*-GlcNAcylation, a dynamic post-translational modification that links cellular nutrient status to the regulation of key biological processes, including cell signaling, transcription, apoptosis, the cell cycle, proteasomal degradation, and cytoskeletal organization.

He leads the research group "Regulation of Molecular and Cellular Mechanisms by *O*-GlcNAcylation" at UGSF. His work lies at the interface of glycobiology, cellular metabolism, and human disease, with a particular interest in the role of *O*-GlcNAcylation in colorectal cancer and in the molecular links between glucose metabolism, signaling pathways, and tumor progression.