

XXII NATIONAL CONGRESS OF BIOCHEMISTRY

Next-Gen Biochemical Challenges Across Borders

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Johan(nes) Swinnen is a professor at KU Leuven (Belgium), former chair of the Department of Oncology, and Vice-chair of the Leuven Cancer Institute. He is the director of the KU Leuven Lipidomics Core Facility Lipometrix and co-founder of the Leuven Institute for Single Cell Omics (LISCO). Johan has a long-standing interest in the rewiring of lipid metabolism in cancer and other complex diseases. To map the heterogeneity of alterations in lipid metabolism, he employs and combines various lipidomics and other spatial and bulk omics approaches. His main focus is on the discovery and exploitation of lipid-related vulnerabilities to enhance therapy response in the context of personalized precision medicine.