

Biography – Jai Prakash

Jai Prakash is Full Professor and Research Group Leader at Radboud University Medical Center, the Netherlands. He is an internationally recognized expert in targeted drug delivery, tumor microenvironment engineering, and translational nanomedicine. His research integrates biomaterials, immunoengineering, and advanced 3D disease models to reprogram fibrotic and immune components of solid tumors, aiming to improve therapeutic outcomes in hard-to-treat cancers, including pancreatic cancer.

He has published extensively in leading journals from drug delivery, oncology, materials science, and multidisciplinary research. He is recipient of a prestigious ERC Advanced Grant (2024) and has secured multiple national and international grants to advance innovative bioengineered therapeutics. He is inventor on several patent families and founder of ScarTec Therapeutics BV, translating peptide- and nanotechnology-based strategies toward clinical application.

A long-standing member of the Controlled Release Society (CRS) since 2010, he served as President (2020–2023) of the BeNeLux and France Local Chapter. He is Associate Editor of the Journal of Controlled Release and a frequent invited speaker at international conferences. He also organizes the NanoTME conference series, stimulating collaboration among students, senior scientists, and industry. He brings strategic leadership, translational vision, and global engagement to strengthen CRS's scientific and societal impact.