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Transfection by cell-penetrating peptides based on transportans

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Introduction of PepFect and NickFect technologies for oligonucleotide transfection by transportan-based cell-penetrating peptides in vitro and in vivo is described. Recent data on mechanisms and applications of PepFect strategies are summarized on the variety of different cargoes including plasmid, antisense and siRNA oligonucleotides.

Biography

Ulo Langel is a Professor at the Department of Neurochemistry, Stockholm University and at the Institute of Technology, Tartu University. He has been selected as a Fellow Member of International Neuropeptide Society (1995) and is a Member of Academia Europaea. He is a coauthor of more than 400 scientific articles and 20 approved patents or patent applications.

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