Engineered peptide agonists for cellular reprogramming and tissue regeneration

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This talk will describe our efforts in discovering and optimizing peptide-based scaffolds to target protein – protein interactions and will highlight some of the challenges and novel technologies for peptide lead identification and development. A few case studies will be presented, including the reprogramming of stem cells in the context of cellular regeneration.

[1] Simon Hansen, Yingnan Zhang, Sunhee Hwang, Ahmad Nabhan, Wanqing Li, Jakob Fuhrmann, Yvonne Kschonsak, Lijuan Zhou, Aaron H. Nile, Xinxin Gao, Robert Piskol, Felipe de Sousa e Melo, Frederic J. de Sauvage and Rami N. Hannoush*. **2022**, *under review*.