

理研セミナー

日時: 2023年2月3日(金) 15:30~17:00

場所: 研究交流棟 3階会議室

Nanozymes: a new field bridging nanotechnology and medicine

Professor Xiyun Yan (閻錫蒞)

中国科学院 院士、中国科学院生物物理研究所 蛋白質医薬重点実験室 主任、
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Dr. Yan has pioneered the concept of nanozyme, established the standard for the detection of nanozyme catalytic activity, and developed the first commercial nanozyme products for detecting Ebola, COVID-19 and tumors. Following her pioneering work, more than 12000 papers have been published by 400 laboratories across 35 countries describing 1000+ nanozymes utilized in medicine, agriculture and environmental protection. In 2022, the Nanozyme has been selected Top Ten Emerging Technologies in Chemistry by IUPAC and Dr. Yan is in the list of Top-cited Scientists. Also Dr. Yan is a world-renowned expert in tumor biology due to her discovering two novel tumor targets, CD146 and TfR1, for the therapy of melanoma, glioma, and pancreatic cancer, and phase I clinical trials are scheduled for the end of 2022.

連絡先: 開拓研究本部・伊藤ナノ医工学研究室 (98-20519)