

ID No.	K3005
Project Title	A nanocaged nanobody display platform for infectious diseases detection and therapy
Principal Investigator	Xiyun Yan (Prof./Institute of Biophysics, Chinese Academy of Sciences (IBPCAS))
Project Members IMSUT Host Researcher Members	Jun-ichiro Inoue (Prof./IMSUT)
Report	
<p>On Jan 17 2020, Dr. Yan visited Professor Kazunori Kataoka in The Institute for Future Initiatives, The University of Tokyo to discuss about their possible collaboration regarding nanozyme and nanoparticle. On Jan 20, Dr. Yan visited Professor Toru Murayama, Director of Research Center for Gold Chemistry, Tokyo Metropolitan University, to discuss about their possible collaboration regarding nanozyme and Gold chemistry. On Jan 22, Dr. Yan gave us an International Joint Usage/Research Center Seminar entitled "Nanozymes and its applications in medicine". Nanozyme is a new nanomaterial that possess intrinsic enzyme-like activity. Nanozyme can catalyze enzyme substrates at a mild condition and be used as natural enzyme for medical applications such as detection of infectious diseases, tumor diagnosis and catalytic therapy. Dr. Yan was also interested in how nanozyme affects signal transduction pathway. Therefore, Dr. Yan and myself discussed about our collaboration on the modulation of NF-κB pathway by nanozyme.</p>	