

NANO BIO LAB (NBL)								
No.	Department	A*STAR Supervisor's Name	Designation	Email	Project Title	Project Description	Degree Awarded By Upon Graduation	Website Link (if any)
1		Prof Jackie Y. Ying	A*STAR Senior Fellow	jyying@nbl.a-star.edu.sg	Design and Applications of Nanomaterials and Nanodevices	Projects on the synthesis of nanocomposites and nanoporous materials, and fabrication of nanodevices with unique size-dependent characteristics. These new systems are designed for applications ranging from battery, energy storage/conversion, agritech, biosensors, medical diagnostics, food safety testing, nanomedicine, targeted delivery of drugs, cell culture substrates, biomaterials, <i>in vitro</i> toxicology and drug screening.	NUS/NTU/SUTD	
2		Dr. Daniele Zink	Principal Research Scientist and Team Leader	dzink@nbl.a-star.edu.sg	Animal-free Methods For The Prediction of Toxicity In Human	Projects on the development and characterization of novel <i>in vitro</i> methods for the prediction of compound-induced toxicity, and their application for the prediction of compound toxicity. This involves work on high-throughput methods and microphysiological systems, acquisitions and analysis of high-throughput image data, characterization of cell models, work on stem cell-derived cells and determination of expression and functionality of drug transporters.	NUS/NTU/SUTD	