

List of Grants Awarded under the 1st SBIC Grant Call

S/N	Project Title	Host Inst	Network Director / PI
1	Development and Validation of Highly Efficient Novel Nanoparticle Contrast Agents for Cellular Labelling and Targeting Using MRI	NUS	Wang Shih-Chang
2	Gold Nanostructures as Cancer Targeting Probes in Novel Optical Imaging Techniques	NUS	Colin J. R. Sheppard
3	Cysteine-Based Tailoring of Peptide Radiopharmaceuticals and Probes	NUS	T. S. Andy Hor
4	Design and Synthesis of Molecular Beacons with Near-Infrared Fluorophores for Non-Invasive, In Vivo Imaging and Aptamers for Protein Recognition	NUS	Sam F. Y. Li
5	Development of Novel Oligomer-Based Intravascular Contrast Regents for MRI Using Gadolinium Chelates	NTU	Zhang Lili
6	Development of New Fluorescent Probes and Labelling Techniques for In Vivo Multi-Wavelength and Time-Resolved Spectroscopy of Biomolecules: Investigation of Cytoskeleton and Lipid Microdomain Dynamics	NUS	Thorsten Wohland
7	Using Liquid Crystals as a Fluorescence-Free Detection Tool for Imaging Hybridization of DNA	NUS	Yang Kun-Lin
8	A Novel E-SIGE Technology to Bioimage Alternative Splicing Activity in Neuron and Muscle	NUS	Soong Tuck Wah
9	Novel UWB Radio Imaging for Calcifications in Breast Which May Lead to Cancer	I2R	Michael Chia Yan Wah
10	Biomedical Imaging with Nano-Resolution	I2R	Chen Zhihao
11	3D Confocal Cellular Image Processing	NTU	Cai Yiyu

Total amount awarded: S\$4.2 million