

Caltech-IBS Global Pioneer Fellowship

Postdoctoral opportunity at the intersection of synthetic biology and nanomaterials
California Institute of Technology and **Institute for Basic Science Center for Nanomedicine**

Caltech-IBS Global Pioneer Fellowship (GPF) offers outstanding Korean researchers the opportunity to promote career development and to strengthen international research experiences at the California Institute of Technology (Caltech) and the Institute for Basic Science Center for NanoMedicine (IBS CNM). The primary emphasis of this fellowship is on conducting collaborative research over a wide range of themes including *synthetic biology*, *bioengineering*, *magnetic nanomaterials* and/or *supramolecular chemistry*.

A PhD holder or PhD candidate in Chemistry, Physics, Biology, Neuroscience, Bioengineering, Chemical Engineering, Materials Science and Engineering, or related fields is a suitable applicant for the fellowship.

The selected fellow will join a research team of PIs from Caltech and IBS, and spend time in residence at both institutions. GPF is offered a term of up to three years, and the selected fellow will receive a stipend of 60M KRW (approx. 55,000USD) and travel support (up to 6,000USD) per year. This Fellowship is eligible to South Korean citizens, regardless of where you obtained your Ph.D.

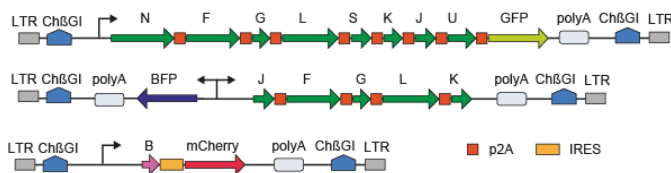
Principal Investigators

Prof. Mikhail G. Shapiro (Caltech): <http://shapirolab.caltech.edu>,

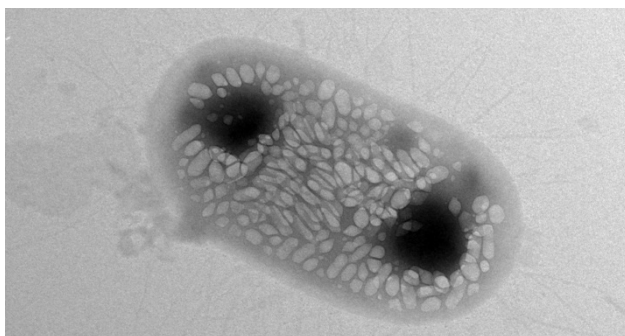
Prof. Jinwoo Cheon (IBS CNM): <http://ibs.yonsei.ac.kr>

Applications

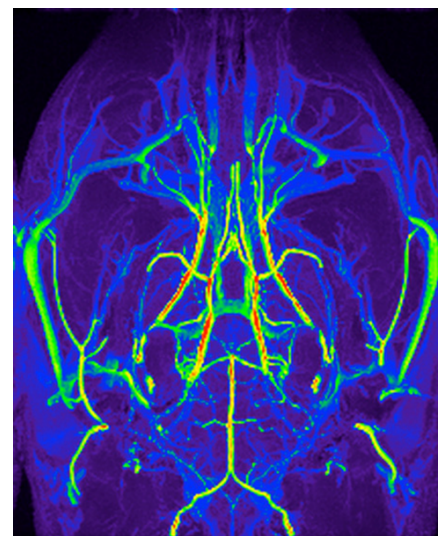
Please email your CV and statement of interests to mikhail@caltech.edu (Caltech) and hykim23@yonsei.ac.kr (IBS CNM).



Engineered gene circuits for mammalian expression of imaging reporters - from *Science* 365, 1469 (2019)



Acoustic nanomaterial expressed inside engineered bacterium - from *Nature* 553, 86 (2018)



MRI angiography of rat brain contrasted with magnetic nanomaterials