Caltech-IBS Global Pioneer Fellowship

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

IBS Center for Nanomedicine (IBS CNM, PI: Jinwoo Cheon) and the Shapiro Lab at Caltech (PI: Mikhail Shapiro) are seeking for highly motivated and innovation driven candidates for Caltech-IBS Global Pioneer Fellowship (GPF). The selected fellow will engage in highly multi-disciplinary studies of ***synthetic biology, biomolecular engineering, neuroscience, and nanomaterials*** to develop novel technologies for non-invasive imaging and modulation of cellular functions deep inside intact organisms with high sensitivity and specificity. Particularly, the selected fellow will perform the research at both institutions and combine the power of synthetic biology and nanotechnology for new tools and technologies enabling remote and wireless control of cellular signaling and functions in the nervous or immune systems using ultrasound or magnetism.

PhD holders (or PhD candidates) in Bioengineering, Biological Sciences, Chemistry, Physics, Chemical Engineering, Materials Science and Engineering, or related fields are suitable applicants for the fellowship. Candidates with hand-on laboratory experiences in synthetic biology, biomolecular engineering, neuroscience or immunology, among others, are encouraged to apply. The successful candidate should possess excellent written and oral communication and interpersonal skills required to work in a highly interactive and collaborative research environment with scientists of different disciplines.

We have an immediate opening of GPF postdoctoral researcher position (the start date is negotiable). The fellowship is offered a term of maximum three years. The selected fellow will receive an initial stipend of 60M KRW per year plus travel support. This Fellowship is eligible to South Korean citizens, regardless of where you have obtained your Ph.D.

Principal Investigator (PI) Information
Jinwoo Cheon (IBS CNM): http://ibs.yonsei.ac.kr
Mikhail Shapiro (Caltech): https://shapirolab.caltech.edu/

Submission Requirement
Interested applicants should submit CV to both kyewonchoi@yonsei.ac.kr (IBS CNM) and mikhail@caltech.edu (Caltech)











