# HFSP AWARDS 2023

# CROSS-DISCIPLINARY FELLOWSHIPS

## as approved by the Board of Trustees (March 2023)

The HFSP fellowship program funds innovative, ground-breaking projects that have the potential to advance knowledge in the applicants' field of study or open a new approach to a research problem. High risk research is supported.

**Cross-disciplinary fellowships** are intended for postdoctoral fellows with a degree from outside the life sciences (e.g. physical sciences, chemistry, mathematics, engineering or computer sciences) who wish to receive training in biology.
Fellows receive 3 years of support to obtain training in an outstanding laboratory of their choice in another country. Applicants for this fellowship are expected to move into a new research field through a significant change in discipline.

**CHOI Hansol**
Republic of Korea

From  Seoul National University
Seoul
Republic of Korea

*Highly parallel determination of protein identity and function with single-molecule resolution*

To  Boston Children's Hospital
Boston
USA

Supervisor:
WONG Wesley

**MIGNACCO Francesca**
Italy

From  Paris-Saclay University
Gif-sur-Yvette
France

*Statistical physics modelling of large-scale brain activity*

To  Princeton University
Princeton
USA

Supervisors:
BIALEK William
SCHWAB David

**SHEN Yuan**
China

From  The University of Manchester
Manchester
UK

*In vitro control of cell extrusion through curved surfaces*

To  CNRS
Villejuif
France

Supervisor:
LADOUX Benoit

**SHIN Seungwoo**
Republic of Korea

From  Korea Advanced Institute of Science and Technology
Daejeon
Republic of Korea

*Building mechanical protocells by coupling stress generating active fluids to soft interfaces*

To  University of California, Santa Barbara
Santa Barbara
USA

Supervisor:
DOGIC Zvonimir

**TIRUKOTI Deva Nishanth**
India

From  Weizmann Institute of Science
Rehovot
Israel

*Genetically encoded reporters for brain-wide studies of neuronal function*

To  Massachusetts Institute of Technology
Cambridge
USA

Supervisor:
JASANOFF Alan

**ZAZA Cecilia**
Italy/Argentina

From    University of Buenos Aires
        Buenos Aires
        Argentina

To      University College London
        London
        UK

*Mechanotransduction of T cell antigen recognition examined with 3D super-resolution imaging*

Supervisors:
SIMONCELLI Sabrina
PADILLA-PARRA Sergi

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