



## Press Release

### **Novel biological motors, smart talk in biofilms and recording freely moving flies win HFSP Postdoctoral Fellowships in 2019**

The International Human Frontier Science Program Organization (HFSP) announced today the 89 Fellowship awards to the world's most outstanding young life scientists, chosen through rigorous international selection out of a total of 580 applications from 54 countries. The HFSP fellows will begin their research in a new field of biology in a laboratory in a new country, in accord with HFSP's aim of promoting international collaboration in life science research.

HFSP Long-Term Fellowships are for postdoctoral scientists in biology. A total of 79 Long-Term Fellowships will be awarded to the very best of the world's young scientists who have proposed original approaches at the frontier of life science research. HFSP fellows will investigate how skin based lymph nodes affect immunity, whether new motor proteins for translation can be created *de novo*, and what is the nature of the synaptic basis for temporal learning.

HFSP Cross-Disciplinary Fellowships support young scientists with a non-life science PhD degree such as chemistry or physics. Ten new fellows, this year, will make a bold change in research direction by leaving their non-biological realm to embark on research that is at the interface of biology and neighboring disciplines. Not surprisingly, their approaches challenge traditional thinking, for example, cell-cell interactions in developing biofilms, deep tissue imaging in the mouse brain, or trying to assemble hierarchical hydrogels from natural materials.

HFSP's Fellowships enjoy an excellent reputation and offer a built in return component. Starting in their second year of tenure, HFSP fellows can draw up plans for setting up their own independent laboratory. Fellows can then use the remaining time of their tenure to move to the new location. A fellowship is worth about \$180,000 spread over three years and includes support for research costs and child care.

The lists of all 2019 HFSP awards are available at <http://www.hfsp.org/awardees/newly-awarded>.

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The Human Frontier Science Program is an international program of research support implemented by the International Human Frontier Science Program Organization (HFSP) based in Strasbourg, France. Its aims are to promote intercontinental collaboration and training in cutting-edge, interdisciplinary research focused on the life sciences. HFSP receives financial support from the governments or research councils of Australia, Canada, France, Germany, India, Italy, Japan, the Republic of Korea, New Zealand, Norway, Singapore, Switzerland, the UK, the USA, as well as from the European Union.