



## Press Release

### **Prestigious HFSP awards to next generation leaders in frontier research**

The International Human Frontier Science Program Organization (HFSP/O) announced today 11 Career Development Awards (CDA). The awards are for the most highly creative and accomplished holders of HFSP fellowships, and allow the awardees to return home or move to another member country to continue frontier research in the life sciences. This year the winners will return to Canada, Israel, Japan, Germany, Spain and the UK, after HFSP postdoctoral research in France, Switzerland and the USA. Following a rigorous selection in a global competition, the future for these young scientists could not be brighter.

The CDA is a special feature of the HFSP fellowship programs because it offers fellows the possibility to return to their home countries or to move to another HFSP member country after their research abroad. They receive \$300,000 spread over three years to assist their frontier research in their new lab as an independent researcher.

The 11 winners of the 2018 HFSP Career Development Award, their research institutions and research programs, are:

#### **Maithe ARRUDA-CARVALHO (Brazil/France)**

Department of Psychology  
University of Toronto - Scarborough, Toronto, Canada  
*Investigating the circuit basis of adolescence impulsivity*

#### **Dan DOMINISSINI (Israel/Italy)**

Cancer Research Center  
Sheba Medical Center / Tel-Aviv University, Tel-Aviv, Israel  
*A new epitranscriptome mark - deciphering function and mechanism of N1-methyladenosine (m1A) in mRNA*

#### **Julien GUIZETTI (France/Germany)**

Centre for Infectious Diseases  
Heidelberg University Hospital, Heidelberg, Germany  
*Schizogony: understanding atypical cell division mechanisms in malaria parasite*

#### **Felipe KARAM TEIXEIRA (Brazil/Portugal)**

Department of Genetics  
Cambridge University, Cambridge, UK  
*Genomic conflict and stability during germline development*

**Michael KRIEG (Germany)**

The Institute of Photonic Sciences, Castelldefels - Barcelona, Spain

*A prosthetic photon-based neurotransmitter system to overcome synaptic transmission barriers*

**Liad MUDRIK (Israel)**

School of Psychological Sciences and Sagol School of Neuroscience

Tel Aviv University, Tel Aviv, Israel

*Studying real-life conscious vs. unconscious processing: a novel experimental approach*

**Edda SCHULZ (Germany)**

Otto-Warburg Laboratory

Max Planck Institute for Molecular Genetics, Berlin, Germany

*Towards a quantitative understanding of the mechanistic coupling of X-inactivation and pluripotency*

**Itay TIROSH (Israel/USA)**

Department of Molecular Cell Biology

Weizmann Institute of Science, Rehovot, Israel

*Dissecting pediatric high-grade glioma by single cell expression profiling*

**Stuart TRENHOLM (Canada/UK)**

Montreal Neurological Institute

McGill University, Montreal, Canada

*The neuronal substrate of face selective visual responses*

**Christoph WILHELM (Germany)**

Institute of Clinical Chemistry and Clinical Pharmacology

University Hospital Bonn, Bonn, Germany

*The metabolic control of ILC plasticity*

**Yamato YOSHIDA (Japan)**

College of Science

Ibaraki University, Ibaraki, Japan

*Decoding the molecular mechanisms and kinetics of the plastid- and mitochondrial-division machinery*

The lists of all 2018 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, Republic of Korea, New Zealand, Norway, Singapore, Switzerland, UK, USA, as well as from the European Union.