



HFSP AWARDS 2017

CAREER DEVELOPMENT AWARDS

as approved by the Board of Trustees (March 17, 2017)

The goal of the CDA program is to help former HFSP Fellowship Awardees (LTF and CDF holders) to establish and operate their first independent laboratory. The three-year award provides 300 000 USD in support during a critical period of early career development, supplementing the investments of the host institution.

The CDA program helps young investigators to initiate new lines of research on their own rights. For example, former LTF awardee Emmanuel Derivery plans to reconstitute asymmetric cell division in non-polarized, symmetrically dividing cells using a synthetic biology approach. Using a similar in vitro approach, Peter Bieling proposes to define the minimal requirements for the establishment of cell polarity and cytoskeletal morphogenesis. Developmental biologist Matilde Galli is setting up her own group to study the role of endomitosis as a cause for polyploidy and to decipher the physiological importance of this process.

BADRINARAYANAN Anjana INDIA	National Centre for Biological Sciences Bangalore INDIA	<i>Regulation of error-prone DNA damage repair in bacteria</i>
BARRAL J�r�mie FRANCE	Universit� Pierre et Marie Curie Paris FRANCE	<i>Shedding light on the auditory pathway: from the cochlea to the brain</i>
BIELING Peter GERMANY	Max Planck Institute for Molecular Physiology Dortmund GERMANY	<i>The systems biochemistry of cell polarity and cytoskeletal morphogenesis</i>
CARLSON Lars-Anders SWEDEN	Ume� University Ume� SWEDEN	<i>Structure and mechanism of (+)ssRNA virus replication complexes</i>
DERIVERY Emmanuel FRANCE	MRC Laboratory of Molecular Biology Cambridge UK	<i>Engineering synthetic asymmetric cell division</i>
DONLEA Jeffrey USA	University of California Los Angeles USA	<i>Using Drosophila to investigate how sleep supports memory consolidation</i>
ESPOSITO Maria Soledad ARGENTINA	University of Buenos Aires / CONICET Buenos Aires ARGENTINA	<i>Brainstem substrates for motor skill learning</i>
GALLI Matilde ITALY	Hubrecht Institute Utrecht THE NETHERLANDS	<i>Understanding endomitosis: a common road to polyploidy</i>
NAKAMURA Masayoshi JAPAN	Nagoya University Nagoya JAPAN	<i>Elucidating mechanisms linking light perception to cytoskeletal organization</i>
RAUZI Matteo ITALY/USA	Institut de Biologie Valrose / University of Nice Sophia Antipolis Nice FRANCE	<i>Subcellular properties and emerging embryo-scale mechanics driving morphogenesis</i>