Evolution of multicellular life cycles

Fact Sheet

Project Information

EVOLIFE

Grant agreement ID: 889949

DOI
10.3030/889949

Project terminated on 10 November 2020

Funded under
EXCELLENT SCIENCE - Marie Skłodowska-Curie Actions

Total cost
€ 224 933,76

EU contribution
€ 224 933,76

Coordinated by
CITY UNIVERSITY OF LONDON
United Kingdom

Project description

Insight into the evolution of life cycles

All organisms are born, grow and reproduce, and this life cycle exhibits great heterogeneity, even among unicellular and simple multicellular organisms. The scope of the EU-funded EVOLIFE project is to understand how life cycles evolve given their implication in the emergence of complex traits and advanced multicellularity. By combining methods of biology, mathematics and physics, scientists will investigate the interplay of factors that drive the evolution of multicellular life cycles. The project's results will unveil fundamental information on events that took place billions of years ago during the transition from single cells to complex multicellular organisms.

Fields of science

1 of 3
Fields of science
humanities  >  history and archaeology  >  history
social sciences  >  sociology  >  demography
natural sciences  >  mathematics

Keywords

- Evolutionary theory
- Emergence of multicellularity
- Life cycles evolution

Programme(s)

H2020-EU.1.3. - EXCELLENT SCIENCE - Marie Skłodowska-Curie Actions

H2020-EU.1.3.2. - Nurturing excellence by means of cross-border and cross-sector mobility

Topic(s)

MSCA-IF-2019 - Individual Fellowships

Call for proposal

H2020-MSCA-IF-2019

See other projects for this call

Funding Scheme

MSCA-IF - Marie Skłodowska-Curie Individual Fellowships (IF)

Coordinator

CITY UNIVERSITY OF LONDON
Net EU contribution
€ 224 933,76
Address
Northampton square
EC1V 0HB London
United Kingdom

Region
London > Inner London — East > Haringey and Islington

Activity type
Higher or Secondary Education Establishments

Links
Contact the organisation Website Participation in EU R&I programmes HORIZON collaboration network

Other funding
€ 0,00

EC signature date 22 April 2020
Last update: 24 July 2023

Permalink: https://cordis.europa.eu/project/id/889949

European Union, 2023