

HORIZON  
2020

# Comparison of implicit and explicit learning abilities in human adults, children, apes and monkeys

## Fact Sheet

### Project Information

#### ImpExpPrimates

Grant agreement ID: 101030257

[Project website](#)

#### DOI

[10.3030/101030257](https://doi.org/10.3030/101030257)

Project closed

#### EC signature date

13 April 2021

#### Start date

1 February 2022

#### End date

31 January 2024

#### Funded under

EXCELLENT SCIENCE - Marie Skłodowska-Curie Actions

#### Total cost

€ 184 707,84

#### EU contribution

€ 184 707,84

#### Coordinated by

ECOLE NORMALE SUPERIEURE



France

## Project description

### Implicit and explicit learning in humans and primates

The psychology of human learning distinguishes between implicit and explicit learning. A comparative method is essential to better understand the conditions of emergence, as well as functions and underlying mechanisms. However, the hypothesis of a similar distinction between implicit and explicit forms of learning in other species has been overlooked while their ontogeny in humans is not entirely

understood. The EU-funded ImpExpPrimates project will assess the hypothesis of a dual-process account of sequence and artificial grammar learning in non-human primate species and detect its development from early childhood. The project will apply an innovative method using non-verbal computerised tasks equally usable in human adults, children, and non-human primates.

## Fields of science (EuroSciVoc)

[natural sciences](#) > [biological sciences](#) > [zoology](#) > [mammalogy](#) > **[primatology](#)**

[social sciences](#) > [sociology](#) > **[anthropology](#)**

[social sciences](#) > [psychology](#) > **[developmental psychology](#)**



## Keywords

[learning](#)

[consciousness](#)

[dual-process theories of cognition](#)

[artificial grammar learning](#)

[sequence learning](#)

[monkeys](#)

[apes](#)

[animal cognition](#)

[comparative psychology](#)

[children](#)

[ontogeny](#)

[development](#)

## Programme(s)

[H2020-EU.1.3. - EXCELLENT SCIENCE - Marie Skłodowska-Curie Actions](#)

MAIN PROGRAMME

[H2020-EU.1.3.2. - Nurturing excellence by means of cross-border and cross-sector mobility](#)

## Topic(s)

[MSCA-IF-2020 - Individual Fellowships](#)

## Call for proposal

[H2020-MSCA-IF-2020](#)

[See other projects for this call](#)

# Funding Scheme

[MSCA-IF - Marie Skłodowska-Curie Individual Fellowships \(IF\)](#)

## Coordinator



### ECOLE NORMALE SUPERIEURE

Net EU contribution

€ 184 707,84

Total cost

€ 184 707,84

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Region

Ile-de-France > Ile-de-France > Paris

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

**Last update:** 23 July 2024

**Permalink:** <https://cordis.europa.eu/project/id/101030257>

European Union, 2025

