



Shaping the social brain through early interactions

Fact Sheet

Project Information

SAPIENS

Grant agreement ID: 814302

[Project website](#)

DOI

[10.3030/814302](https://doi.org/10.3030/814302)

Project closed

EC signature date

20 August 2018

Start date

1 January 2019

End date

31 July 2023

Funded under

EXCELLENT SCIENCE - Marie Skłodowska-Curie Actions

Total cost

€ 4 068 232,56

EU contribution

€ 4 068 232,56

Coordinated by

BIRKBECK COLLEGE -
UNIVERSITY OF LONDON
 United Kingdom

Project description

Studying infant-parent interactions for healthier brains

Despite significant advances in understanding brain activity, learning processes, and the role of early childhood experiences for further well-being, scientists still lack technologies to explain the precise mechanisms of everyday baby-parent interactions, which shape critical brain functions. The EU-funded SAPIENS project will fill that gap through a revolutionary study on the microscale dynamics of early social exchanges to explain how infant-parent interactions shape brain and cognitive development. They will use ecological, mobile real time brain-behaviour measurement, artificial intelligence and data modelling methods, which will allow

early interventions in autism or deficit/hyperactivity disorders. Also, a team of excellent researchers will be trained to help introduce highly innovative ways of clinical diagnostic and treatment.

Fields of science (EuroSciVoc)

[social sciences](#) > [political sciences](#) > [political policies](#) > [public policies](#)

[natural sciences](#) > [computer and information sciences](#) > [artificial intelligence](#)



Keywords

[infant-parent interactions](#)

[social development](#)

[social brain](#)

[developmental trajectories](#)

[autism](#)

[ADHD](#)

[early detection](#)

[early diagnosis](#)

[treatment](#)

Programme(s)

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

MAIN PROGRAMME

[H2020-EU.1.3.1. - Fostering new skills by means of excellent initial training of researchers](#)

Topic(s)

[MSCA-ITN-2018 - Innovative Training Networks](#)

Call for proposal

[H2020-MSCA-ITN-2018](#) 

[See other projects for this call](#)

Funding Scheme

[MSCA-ITN - Marie Skłodowska-Curie Innovative Training Networks \(ITN\)](#)

Coordinator



BIRKBECK COLLEGE - UNIVERSITY OF LONDON

Net EU contribution

€ 606 345,12

Total cost

€ 606 345,12

Address

MALET STREET
WC1E 7HX London
 United Kingdom

Region

London > Inner London — West > Camden and City of London

Activity type

Higher or Secondary Education Establishments

Links

- [Contact the organisation](#)
- [Website](#)
- [Participation in EU R&I programmes](#)
- [HORIZON collaboration network](#)

Participants (10)



UNIwersytet Warszawski

Poland

Net EU contribution

€ 454 957,20

Address

KRAKOWSKIE PRZEDMIESCIE 26/28
00-927 Warszawa

Region

Makroregion województwo mazowieckie > Warszawski stołeczny > Miasto Warszawa

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#) [Website](#)
[Participation in EU R&I programmes](#)
[HORIZON collaboration network](#)

Total cost
€ 454 957,20



KING'S COLLEGE LONDON

United Kingdom
Net EU contribution
€ 303 172,56

Address
STRAND
WC2R 2LS London

Region
London > Inner London — West > Westminster

Activity type
Higher or Secondary Education Establishments

Links
[Contact the organisation](#) [Website](#)
[Participation in EU R&I programmes](#)
[HORIZON collaboration network](#)

Total cost
€ 303 172,56



THE CHANCELLOR MASTERS AND SCHOLARS OF THE UNIVERSITY OF CAMBRIDGE

United Kingdom
Net EU contribution
€ 303 172,56

Address
TRINITY LANE THE OLD SCHOOLS
CB2 1TN Cambridge

Region
East of England > East Anglia > Cambridgeshire CC

Activity type

Higher or Secondary Education Establishments

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 303 172,56



UNIVERSITEIT GENT

 Belgium

Net EU contribution

€ 512 640,00

Address

SINT PIETERSNIEUWSTRAAT 25

9000 Gent 

Region

Vlaams Gewest > Prov. Oost-Vlaanderen > Arr. Gent

Activity type

Higher or Secondary Education Establishments

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 512 640,00



STICHTING RADBOUD UNIVERSITEIT

 Netherlands

Net EU contribution

€ 531 239,76

Address

HOUTLAAN 4

6525 XZ Nijmegen 

Region
Oost-Nederland > Gelderland > Arnhem/Nijmegen

Activity type
Higher or Secondary Education Establishments

Links
[Contact the organisation](#) [Website](#)
[Participation in EU R&I programmes](#)
[HORIZON collaboration network](#)

Total cost
€ 531 239,76



UNIVERSITEIT UTRECHT

 Netherlands
Net EU contribution
€ 531 239,76

Address
HEIDELBERGLAAN 8
3584 CS Utrecht 

Activity type
Higher or Secondary Education Establishments

Links
[Contact the organisation](#) [Website](#)
[Participation in EU R&I programmes](#)
[HORIZON collaboration network](#)

Total cost
€ 531 239,76



UPPSALA UNIVERSITET

 Sweden
Net EU contribution
€ 281 982,96

Address
VON KRAEMERS ALLE 4
751 05 Uppsala 

Region

Östra Sverige > Östra Mellansverige > Uppsala län

Activity type

Higher or Secondary Education Establishments

Links

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

Total cost

€ 281 982,96



KAROLINSKA INSTITUTET

Sweden

Net EU contribution

€ 281 982,96

Address

Nobels Vag 5
17177 Stockholm

Region

Östra Sverige > Stockholm > Stockholms län

Activity type

Higher or Secondary Education Establishments

Links

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

Total cost

€ 281 982,96



ISTITUTO SUPERIORE DI SANITA

Italy

Net EU contribution

€ 261 499,68

Address

Viale Regina Elena 299
00161 Roma 

Region
Centro (IT) > Lazio > Roma

Activity type
Research Organisations

Links
[Contact the organisation](#)  [Website](#) 
[Participation in EU R&I programmes](#) 
[HORIZON collaboration network](#) 

Total cost
€ 261 499,68



HARIMATA SP ZOO 

 Poland
Net EU contribution
€ 0,00

Address
UL KROLEWSKA 65A 1
30 081 Krakow 

SME 
Yes

Region
Makroregion południowy > Małopolskie > Miasto Kraków

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links
[Contact the organisation](#) 
[Participation in EU R&I programmes](#) 
[HORIZON collaboration network](#) 

Total cost
No data

Partners (7)



PARTNER

Fundacja Rozwoju Dzieci im. J.A. Komenskiego

Poland

Net EU contribution

€ 0,00

Address

Flory 1/8

00-586 Warszawa

Region

Makroregion województwo mazowieckie > Warszawski stołeczny > Miasto Warszawa

Activity type

Other

Links

[Contact the organisation](#)

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

[HORIZON collaboration network](#)

Total cost

No data



PARTNER

BABYBRAINS LIMITED

United Kingdom

Net EU contribution

€ 0,00

Address

33 EASTGATE STREET

ST16 2LZ Stafford

Region

West Midlands (England) > Shropshire and Staffordshire > Staffordshire CC

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

[Contact the organisation](#)

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

Total cost

No data



PARTNER 

iMotions A/S

 Denmark

Net EU contribution

€ 0,00

Address

Vesterbrogade 34 1. sal
1620 Kbh V 

Region

Danmark > Hovedstaden > Byen København

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

- [Contact the organisation](#) 
- [Participation in EU R&I programmes](#) 
- [HORIZON collaboration network](#) 

Total cost

No data



PARTNER 

PHIER LTD

 United Kingdom

Net EU contribution

€ 0,00

Address

13 Alexander Court
SW18 2EJ London 

SME 

Yes

Region

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

- [Contact the organisation](#)
- [Participation in EU R&I programmes](#)
- [HORIZON collaboration network](#)

Total cost

No data



PARTNER

MENTIS CURA EHF

Iceland

Net EU contribution

€ 0,00

Address

LAUGAVEGI 176
105 Reykjavik

SME

Yes

Region

Ísland > Ísland > Höfuðborgarsvæði

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

- [Contact the organisation](#)
- [Participation in EU R&I programmes](#)
- [HORIZON collaboration network](#)

Total cost

No data



PARTNER

Atferlisgreining ehf

Iceland

Net EU contribution

€ 0,00

Address

Langholtsvegur 53
104 Reykjavik 

Region

Ísland > Ísland > Höfuðborgarsvæði

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

[Contact the organisation](#) 

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

[HORIZON collaboration network](#) 

Total cost

No data



PARTNER 

VICARIOUS PERCEPTION TECHNOLOGIES BV

 Netherlands

Net EU contribution

€ 0,00

Address

Singel, 160
1015 AH Amsterdam 

SME 

Yes

Region

West-Nederland > Noord-Holland > Groot-Amsterdam

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

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

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

[HORIZON collaboration network](#) 

Total cost

No data

Last update: 1 February 2024

Permalink: <https://cordis.europa.eu/project/id/814302>

European Union, 2025

