



Reproductive, Anthropometric and Disease traits Integrated: Coevolutionary Analysis of Life history trade-offs

Fact Sheet

Project Information

RADICAL

Grant agreement ID: 101066938

DOI

[10.3030/101066938](https://doi.org/10.3030/101066938)

EC signature date

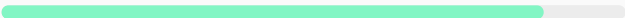
13 June 2022

Start date

1 April 2023

End date

31 August 2025



Funded under

Marie Skłodowska-Curie Actions (MSCA)

Total cost

No data

EU contribution

€ 167 741,76

Investment in EU policy priorities

Digital agenda	☐	Clean air	☐
Artificial Intelligence	☐	Climate action	☐
Biodiversity	☐		

Coordinated by

TARTU ULIKOOL
 Estonia

Project description

Finding links between reproductive and anthropometric traits

Life history theory explains how fast organisms grow and how long they live. For instance, it's possible to connect traits like birthweight and adult body size to age of menarche. In this context, the Marie Skłodowska-Curie Actions project RADICAL will shed light on the biological mechanisms that link many of these traits. It will bring together matching genotype and phenotype data from two large national biobanks and statistical tools and genetic databases. It will investigate the extent to which the observational links between reproductive and anthropometric traits can be explained by pleiotropy and/or shared genetic pathways. It will also consider the extent to which these pathways have been subject to natural selection over the past 10 000 years.

Keywords

[Life-history theory](#)

[Evolutionary trade-offs](#)

[Reproductive and anthropometric traits](#)

[Regulatory networks](#)

[Ancient DNA](#)

Programme(s)

[HORIZON.1.2 - Marie Skłodowska-Curie Actions \(MSCA\)](#)

MAIN PROGRAMME

Topic(s)

[HORIZON-MSCA-2021-PF-01-01 - MSCA Postdoctoral Fellowships 2021](#)

Call for proposal

[HORIZON-MSCA-2021-PF-01](#)

[See other projects for this call](#)

Funding Scheme

[HORIZON-TMA-MSCA-PF-EF - HORIZON TMA MSCA Postdoctoral Fellowships - European Fellowships](#)

Coordinator



TARTU ULIKOOL

Net EU contribution

€ 167 741,76

Total cost

No data

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 **Estonia** 

Region

Eesti > Eesti > Lõuna-Eesti

Activity type

Higher or Secondary Education Establishments

Links

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

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

[HORIZON collaboration network](#) 

Last update: 29 April 2025

Permalink: <https://cordis.europa.eu/project/id/101066938>

European Union, 2025

