



Revolutionizing invasive alien species control using behavioural economics and animal cognition

Results

Project Information

COGNITIVE CONTROL

Grant agreement ID: 948181

[Project website](#)

DOI

[10.3030/948181](https://doi.org/10.3030/948181)

EC signature date

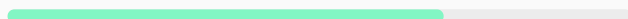
29 October 2020

Start date

1 April 2021

End date

31 March 2027



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EXCELLENT SCIENCE - European Research Council (ERC)

Total cost

€ 1 451 805,00

EU contribution

€ 1 451 805,00

Coordinated by

UNIVERSITAET REGENSBURG



Germany

CORDIS provides links to public deliverables and publications of HORIZON projects.

Links to deliverables and publications from FP7 projects, as well as links to some specific result types such as dataset and software, are dynamically retrieved from [OpenAIRE](#) .

Deliverables

[Open Research Data Pilot \(1\)](#)



[Open Research Data plan](#) 

The project will produce data for circa 12 deliverables scientific publications
These data will originate from primary empirical research Sample sizes will be on the order of tens or hundreds of datapoints not big data Data will be numerical formatted following the TIDY framework Data will be uploaded onto a open data sharing platform such as Figshare Prepeer reviewed manuscripts will be uploaded to biorXiv accompanied by their data

Publications

Peer reviewed articles (4)

[Corpse-associated odours elicit avoidance in invasive ants](#) 

Author(s): Thomas Wagner, Tomer Czaczkes

Published in: Pest Management Science, 2023, ISSN 2049-3630

Publisher: Wiley

DOI: 10.1002/ps.7916

[Ants evade harmful food by active abandonment.](#) 

Author(s): Zanolà, D., Czaczkes, T.J. & Josens, R.

Published in: Communications Biology, 2024, ISSN 2399-3642

Publisher: Nature

DOI: 10.1038/s42003-023-05729-7

[Invasive ant learning is not affected by seven potential neuroactive chemicals](#) 

Author(s): Henrique Galante, Tomer Czaczkes

Published in: Current zoology, 2023, ISSN 2396-9814

Publisher: OUP

DOI: 10.1093/cz/zoad001

[A systematic examination of learning in the invasive ant *Linepithema humile* reveals very rapid development of short and long-term memories](#) 

Author(s): Thomas Wagner, Henrique Galante, Roxana Josens, Tomer J. Czackes

Published in: Animal Behaviour, 2023, ISSN 0003-3472

Publisher: Academic Press

DOI: 10.1016/j.anbehav.2023.06.012

[Bees differentiate sucrose solution from water at a distance](#) 

Author(s): Melina Kienitz, Tomer J. Czaczkes, Massimo De Agrò

Published in: biorXiv, 2022

Publisher: Cold Spring Harbor

DOI: 10.1101/2022.05.20.492611

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Permalink: <https://cordis.europa.eu/project/id/948181/results>

European Union, 2025