

**HORIZON
2020**

A model to study how social interaction modulates sleep in the fruit fly *Drosophila melanogaster*

Results

Project Information

SEX_FIGHT_SLEEP

Grant agreement ID: 705930

[Project website](#) 

DOI

[10.3030/705930](https://doi.org/10.3030/705930) 

Project closed

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Total cost

€ 183 454,80

EU contribution

€ 183 454,80

Coordinated by


IMPERIAL COLLEGE OF
SCIENCE TECHNOLOGY AND
MEDICINE

 United Kingdom

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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](#) .

Publications

Peer reviewed articles (4)

[Regulation of sleep homeostasis by sexual arousal](#) 

Author(s): Esteban J Beckwith, Quentin Geissmann, Alice S French, Giorgio F Gilestro

Published in: eLife, Issue 6, 2017, ISSN 2050-084X

Publisher: eLife Sciences Publications

DOI: 10.7554/eLife.27445

[Most sleep does not serve a vital function: Evidence from *Drosophila melanogaster*](#) 

Author(s): Quentin Geissmann, Esteban J. Beckwith, Giorgio F. Gilestro

Published in: Science Advances, Issue 5/2, 2019, Page(s) eaau9253, ISSN 2375-2548

Publisher: American Association for the Advancement of Science

DOI: 10.1126/sciadv.aau9253

[Ethoscopes: An open platform for high-throughput ethomics](#) 

Author(s): Quentin Geissmann, Luis Garcia Rodriguez, Esteban J. Beckwith, Alice S. French, Arian R. Jamasb, Giorgio F. Gilestro

Published in: PLOS Biology, Issue 15/10, 2017, Page(s) e2003026, ISSN 1545-7885

Publisher: PLoS

DOI: 10.1371/journal.pbio.2003026

[Rethomics: An R framework to analyse high-throughput behavioural data](#)

Author(s): Quentin Geissmann, Luis Garcia Rodriguez, Esteban J. Beckwith, Giorgio F. Gilestro

Published in: PLOS ONE, Issue 14/1, 2019, Page(s) e0209331, ISSN 1932-6203

Publisher: Public Library of Science

DOI: 10.1371/journal.pone.0209331

Datasets

Datasets via OpenAIRE (2)



[Sensory processing during sleep in Drosophila melanogaster - ethoscope dataset](#)

Author(s): French, Alice; Geissmann, Quentin; Beckwith, Esteban; Gilestro, Giorgio

Published in: Zenodo

[Infection increases activity via Toll dependent and independent mechanisms in Drosophila melanogaster - ethoscope dataset](#)

Author(s): Vincent, Crystal; Beckwith, Esteban J.; Dionne, Marc; Gilestro, Giorgio F.

Published in: Zenodo

Last update: 10 March 2023

Permalink: <https://cordis.europa.eu/project/id/705930/results>

European Union, 2025