



Temporal Dynamics of Transient Attention

Fact Sheet

Project Information

TDoTA

Grant agreement ID: 896192

[Project website](#)

DOI

[10.3030/896192](https://doi.org/10.3030/896192)

Project terminated on 31 August 2023

EC signature date

6 April 2020

Start date

1 September 2021

End date

30 September 2023

Funded under

EXCELLENT SCIENCE - Marie Skłodowska-Curie Actions

Total cost

€ 224 933,76

EU contribution

€ 224 933,76

Coordinated by

BIRKBECK COLLEGE -
UNIVERSITY OF LONDON

 United Kingdom

Project description

Tracking biomarkers of attentional processes

In a dynamic environment, identifying a target requires allocating attention to the target at the right time. When a target is closely followed by a distractor that shares the target's response category, participants often incorrectly report the identity of the distractor. Based on earlier studies, such distractor intrusion effects are mediated by attentional processes. However, scientists are still unsure of the exact underlying mechanism. The EU-funded TDoTA project aims to address this issue using behavioural and electrophysiological measures. It will test a new account of temporal

attention and distractor intrusions. Using a novel paradigm, the project will track the electrophysiological biomarkers of attentional processes for trials with correct target identification as well as intrusion trials. The project could significantly impact several theoretical debates.

Fields of science (EuroSciVoc)

[social sciences](#) > [psychology](#) > [cognitive psychology](#)



Keywords

[attention](#)

[visual attention](#)

[temporal attentionl](#)

[feature binding](#)

[electrophysiology.](#)

[event-related potentials](#)

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-2019 - Individual Fellowships](#)

Call for proposal

[H2020-MSCA-IF-2019](#)

[See other projects for this call](#)

Funding Scheme

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

Coordinator



BIRKBECK COLLEGE - UNIVERSITY OF LONDON

Net EU contribution

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Total cost

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Address

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 **United Kingdom** 

Activity type

Higher or Secondary Education Establishments

Links

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

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

[HORIZON collaboration network](#) 

Last update: 4 March 2024

Permalink: <https://cordis.europa.eu/project/id/896192>

European Union, 2025