



Black hole growth fuelled by counter-rotating gas

Fact Sheet

Project Information

CR-GAS

Grant agreement ID: 891744

[Project website](#) 

DOI

[10.3030/891744](https://doi.org/10.3030/891744) 

Project closed

EC signature date

3 April 2020

Start date

1 October 2020

End date

30 September 2023

Funded under

EXCELLENT SCIENCE - Marie Skłodowska-Curie Actions

Total cost

€ 268 921,92

EU contribution

€ 268 921,92

Coordinated by

KOBENHAVNS UNIVERSITET



Denmark

Project description

Uncovering the mechanism that fuels the growth of active galactic nuclei

Active galactic nuclei are amongst the most spectacular astrophysical events in the sky. They are small regions at the galaxy centres that emit prodigious amounts of energy and are powered by gas accretion onto the black holes that usually harbour the centres of supermassive galaxies. Funded by the Marie Skłodowska-Curie Actions programme, the CR-GAS project plans to uncover the physical conditions in the host galaxy that trigger or halt this black hole feeding process. Researchers will

study counter-rotating structures in galaxies to determine the gas transport mechanism and investigate whether counter-rotation itself promotes gas flow onto the black hole.

Fields of science (EuroSciVoc)

[natural sciences](#) > [computer and information sciences](#) > [data science](#)

[natural sciences](#) > [physical sciences](#) > [astronomy](#) > [astrophysics](#) > [black holes](#)

[natural sciences](#) > [physical sciences](#) > [astronomy](#) > [physical cosmology](#) > [galaxy evolution](#)



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



KOBENHAVNS UNIVERSITET

Net EU contribution

€ 268 921,92

Total cost
€ 268 921,92

Address
NORREGADE 10
1165 Kobenhavn
 **Denmark** 

Region
Danmark > Hovedstaden > Byen København

Activity type
Higher or Secondary Education Establishments

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

Partners (1)



PARTNER 

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA

 **United States**

Net EU contribution

€ 0,00

Address

FRANKLIN STREET 1111 12 FLOOR
94607 Berkeley 

Activity type

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: 25 June 2024

Permalink: <https://cordis.europa.eu/project/id/891744>

European Union, 2025

