Variations in stress responsivity in hens: matching birds to environments

Fact Sheet

Project Information

CHICKENSTRESS
Grant agreement ID: 812777

DOI
10.3030/812777

Funded under
EXCELLENT SCIENCE - Marie Skłodowska-Curie Actions

Total cost
€ 3 873 244,68

EU contribution
€ 3 873 244,68

Coordinated by
UNIVERSITY OF NEWCASTLE UPON TYNE

United Kingdom

Start date
1 May 2019

End date
30 April 2023

This project is featured in...
Project description

Studying factors responsible for hens’ stress

The welfare of birds in the poultry industry is of vital importance since it affects the quality of eggs, productivity and health of the hens. In addition, consumers want to purchase eggs from hens kept in high welfare conditions. However, according to experts, commercially-housed laying hens may be exposed to chronic stress, due to housing conditions that result in undesirable outcomes such as higher levels of keel bone damage and feather pecking. The EU-funded CHICKENSTRESS project aims to study factors responsible for hens’ stress and what makes them stress-resistant. The project will create an international network of experts in avian brain research, genetics, laying hen welfare and the poultry industry. It will train researchers with advanced knowledge in hen farming, environmental factors related to egg production, and hen welfare.

Fields of science

natural sciences > biological sciences > genetics
social sciences > economics and business > economics > production economics > productivity
medical and health sciences > health sciences > nutrition
medical and health sciences > basic medicine > pharmacology and pharmacy > pharmaceutical drugs > antibiotics

Keywords

Animal Welfare, Chronic stress, poultry, egg production
Programme(s)

H2020-EU.1.3. - EXCELLENT SCIENCE - Marie Skłodowska-Curie Actions
H2020-EU.1.3.1. - Fostering new skills by means of excellent initial training of researchers

Topic(s)

MSCA-ITN-2018 - Innovative Training Networks

Call for proposal

H2020-MSCA-ITN-2018

See other projects for this call

Funding Scheme

MSCA-ITN - Marie Skłodowska-Curie Innovative Training Networks (ITN)

Coordinator

UNIVERSITY OF NEWCASTLE UPON TYNE

Net EU contribution

€ 303 172,56

Address

Kings gate
NE1 7RU Newcastle upon tyne

United Kingdom

Region

North East (England) > Northumberland and Tyne and Wear > Tyneside

Activity type

Higher or Secondary Education Establishments

Links

Contact the organisation
Website
Participation in EU R&I programmes
HORIZON collaboration network
Participants (11)

INSTITUT DE RECERCA BIOMEDICA DE LLEIDA FUNDACIO DOCTOR PIFARRE

Spain

Net EU contribution

€ 250 904,88

Address

Calle alcalde rovira roure 80
25198 Lleida

Region

Este > Cataluña > Lleida

Activity type

Research Organisations

Links

Contact the organisation Website Participation in EU R&I programmes HORIZON collaboration network

Total cost

€ 250 904,88

UNIVERSIDAD DE LLEIDA

Spain

Net EU contribution

€ 250 904,88

Address

Placa victor siurana 1 1
25003 Lleida

Region

Este > Cataluña > Lleida

Activity type
THE UNIVERSITY COURT OF THE UNIVERSITY OF ST ANDREWS

United Kingdom

Net EU contribution

€ 303 172,56

Address

North street 66 college gate
KY16 9AJ St andrews

Region

Scotland > Eastern Scotland > Clackmannanshire and Fife

Activity type

Higher or Secondary Education Establishments

Links

Contact the organisation Website Participation in EU R&I programmes HORIZON collaboration network

Total cost

€ 303 172,56
**UNIVERSITAET BERN**

**Switzerland**

**Net EU contribution**

€ 843 829,92

**Address**

Hochschulstrasse 6
3012 Bern

**Region**

Schweiz/Suisse/Svizzera > Espace Mittelland > Bern / Berne

**Activity type**

Higher or Secondary Education Establishments

**Links**

- Contact the organisation
- Website
- Participation in EU R&I programmes
- HORIZON collaboration network

**Total cost**

€ 843 829,92

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**SRUC**

**United Kingdom**

**Net EU contribution**

€ 303 172,56

**Address**

West mains road
EH9 3JG Edinburgh

**Region**

6 of 14
Scotland > Eastern Scotland > Edinburgh

Activity type
Higher or Secondary Education Establishments

Links
Contact the organisation  Website  Participation in EU R&I programmes  HORIZON collaboration network

Total cost
€ 303 172,56

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UNIVERSITEIT UTRECHT
Netherlands
Net EU contribution
€ 265 619,88

Address
Heidelberglaan 8
3584 CS Utrecht

Region
West-Nederland > Utrecht > Utrecht

Activity type
Higher or Secondary Education Establishments

Links
Contact the organisation  Website  Participation in EU R&I programmes  HORIZON collaboration network

Total cost
€ 265 619,88

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NORGES MILJO-OG BIOVITENSKAPLIGE UNIVERSITET
Norway
Net EU contribution
€ 292 342,32

Address
Universitetstunet 3
1433 As
Region
Norge > Oslo og Viken > Viken
Activity type
Higher or Secondary Education Establishments
Links
Contact the organisation  Website  Participation in EU R&I programmes  HORIZON collaboration network
Total cost
€ 292 342,32

EIGEN VERMOGEN VAN HET INSTITUUT VOOR LANDBOUW- EN VISSERIJONDERZOEK
Belgium
Net EU contribution
€ 256 320,00
Address
Burg. van gansberghelaan 92 bus 1
9820 Merelbeke
Region
Vlaams Gewest > Prov. Oost-Vlaanderen > Arr. Gent
Activity type
Research Organisations
Links
Contact the organisation  Website  Participation in EU R&I programmes  HORIZON collaboration network
Total cost
€ 256 320,00

HENDRIX GENETICS RESEARCH,TECHNOLOGY & SERVICES BV
Netherlands
THE PROVOST, FELLOWS, FOUNDATION SCHOLARS & THE OTHER MEMBERS OF BOARD, OF THE COLLEGE OF THE HOLY & UNDIVIDED TRINITY OF QUEEN ELIZABETH NEAR DUBLIN

Ireland

Net EU contribution
€ 274 684,32

Address
College green trinity college
D02 CX56 Dublin 2

Region
Ireland > Eastern and Midland > Dublin

Activity type
Higher or Secondary Education Establishments

Links
Contact the organisation
Website
Participation in EU R&I programmes
HORIZON collaboration network

Total cost
€ 274 684,32
PARTNER

TEL AVIV UNIVERSITY

Israel

Net EU contribution

€ 0,00

Address

Ramat aviv

69978 Tel aviv

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

PARTNER

THE UNIVERSITY OF EDINBURGH

United Kingdom

Net EU contribution

€ 0,00

Address

Old college, south bridge

EH8 9YL Edinburgh

Region

Scotland > Eastern Scotland > Edinburgh

Activity type

Higher or Secondary Education Establishments

Links

Contact the organisation  Website  Participation in EU R&I programmes
PARTNER

UNIVERSITEIT GENT
Belgium

Net EU contribution
€ 0,00

Address
Sint pietersnieuwstraat 25
9000 Gent

Region
Vlaams Gewest > Prov. Oost-Vlaanderen > Arr. Gent

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

PARTNER

THE LAKES FREERANGE EGG COMPANY LTD
United Kingdom

Net EU contribution
€ 0,00

Address
Meg bank
CA11 0EE Penrith

Region
North West (England) > Cumbria > East Cumbria

Activity type
PARTNER

**LINKOPINGS UNIVERSITET**

Swedish Net EU contribution

€ 0,00

Address

Campus valla
581 83 Linköping

Region

Östra Sverige > Östra Mellansverige > Östergötlands län

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

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**PARTNER**

**VETERINAERMEDEZINISCHE UNIVERSITAT WIEN**

Austrian Net EU contribution

€ 0,00

Address

12 of 14
Netherlands

Net EU contribution

€ 0,00

Address
Nieuwe kanaal 5
6709 PA Wageningen

SME Yes

Region
Oost-Nederland > Gelderland > Veluwe

Activity type
Private for-profit entities (excluding 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: 11 December 2023

Permalink: https://cordis.europa.eu/project/id/812777

European Union, 2024