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
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

Other funding
€ 0,00

UNIVERSIDAD DE LLEIDA

Spain

Net EU contribution
€ 250,904,88

Address
Placa victor siurana 1 1
25003 Lleida

Region
Este > Cataluña > Lleida
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

Other funding
€ 0,00

THE OPEN UNIVERSITY

Israel

Net EU contribution
€ 263 500,92

Address
University road
Raanana
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
Other funding
€ 0.00

SRUC
United Kingdom
Net EU contribution
€ 303,172.56
Address
West mains road
EH9 3JG Edinburgh
**Scotland > Eastern Scotland > Edinburgh**

**Higher or Secondary Education Establishments**

**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

**Other funding**

€ 0,00

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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
Other funding
€ 0,00

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
Other funding
€ 0,00

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

Other funding

€ 0,00
Partners (8)

PARTNER ❷

TEL AVIV UNIVERSITY
Israel

Net EU contribution
€ 0,00

Address
Ramat aviv
69978 Tel aviv ❽

Activity type
Higher or Secondary Education Establishments

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

Other funding
€ 0,00

PARTNER ❷

THE UNIVERSITY OF EDINBURGH
United Kingdom

Net EU contribution
€ 0,00

Address
Old college, south bridge
EH8 9YL Edinburgh ❾

Region
Scotland > Eastern Scotland > Edinburgh

Activity type
Higher or Secondary Education Establishments

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

Other funding
€ 0,00

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

Other funding
€ 0,00

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

Sweden

Net EU contribution

€ 0,00

Address

Campus valla
581 83 Linkoping

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

Other funding

€ 0,00


PARTNER

VETERINAERMEDIZINISCHE UNIVERSITAET WIEN

Austria

Net EU contribution

€ 0,00

Address
Veterinaerplatz 1
1210 Wien

Region
Ostösterreich > Wien > Wien

Activity type
Higher or Secondary Education Establishments

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

Other funding
€ 0,00

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PARTNER

MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN EV

Germany

Net EU contribution
€ 0,00

Address
Hofgartenstrasse 8
80539 München

Region
Bayern > Oberbayern > München, Kreisfreie Stadt

Activity type
Research Organisations

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

Other funding
€ 0,00

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PARTNER

NOLDUS INFORMATION TECHNOLOGY BV

NOLDUS INFORMATION TECHNOLOGY BV
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

Other funding
€ 0,00

Last update: 11 December 2023

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

European Union, 2024