





EUROPEAN NETWORK TO INTEGRATE RESEARCH ON INTRACELLULAR PROTEOLYSIS PATHWAYS IN HEALTH AND DISEASE

Protein Homeostasis: the core of cellular equilibrium

PROTEIN HOMEOSTASIS

Aggregation
Unfolded protein response

FUNCTION
Nervous system Immune system
Development
Stress response

...but when the balance is broken:

Cancer Inflammation

Neurodegeneration
Other Diseases

Degradation

Ubiquitin/

Proteasome

Autophagy/

Lysosome

Modification

Ubiquitin-like

Ubiquitin

DISSEMINATION ACTIVITIES: http://cost-proteostasis.eu/







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Participant Countries: 30 > 270 groups

BM1307

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Vice-Chair: Dr Olivier Coux (CRBM-CNRS, FR)

Grant Holder: CIC bioGUNE

Duration of the Action: 25th April 2014 – 24th April 2018

1. INTEGRATION:

Objectives

To defragment the field and increase communication

2. TRANSLATIONAL:

To facilitate the transfer from basic to translational science

3. TECHNOLOGY:

To foster technology and knowledge in protein homeostasis

4. TRAINING:

To create and consolidate training efforts in the field

2014-2018 Activities

MEETINGS & WORKSHOPS: 14

DISSEMINATION MEETINGS: 5

TRAINING SCHOOLS: 8

SHORT TERM SCIENTIFIC MISSIONS: 47

INCLUSIVE TARGET CONFERENCE GRANTS: 4

DISSEMINATION VIDEOS: 23

eNEWSLETTERS: 7

WEBINARS: 7