



PROTEOSTASIS



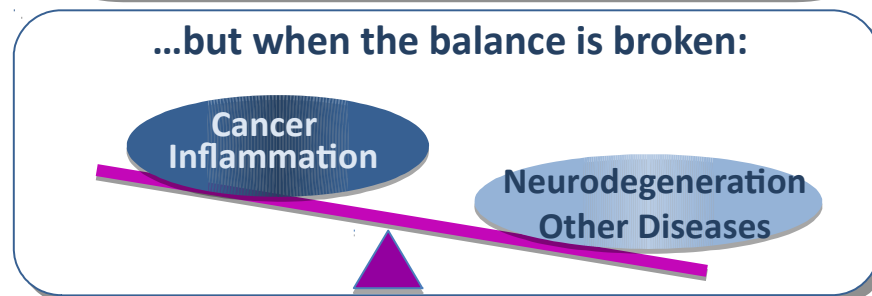
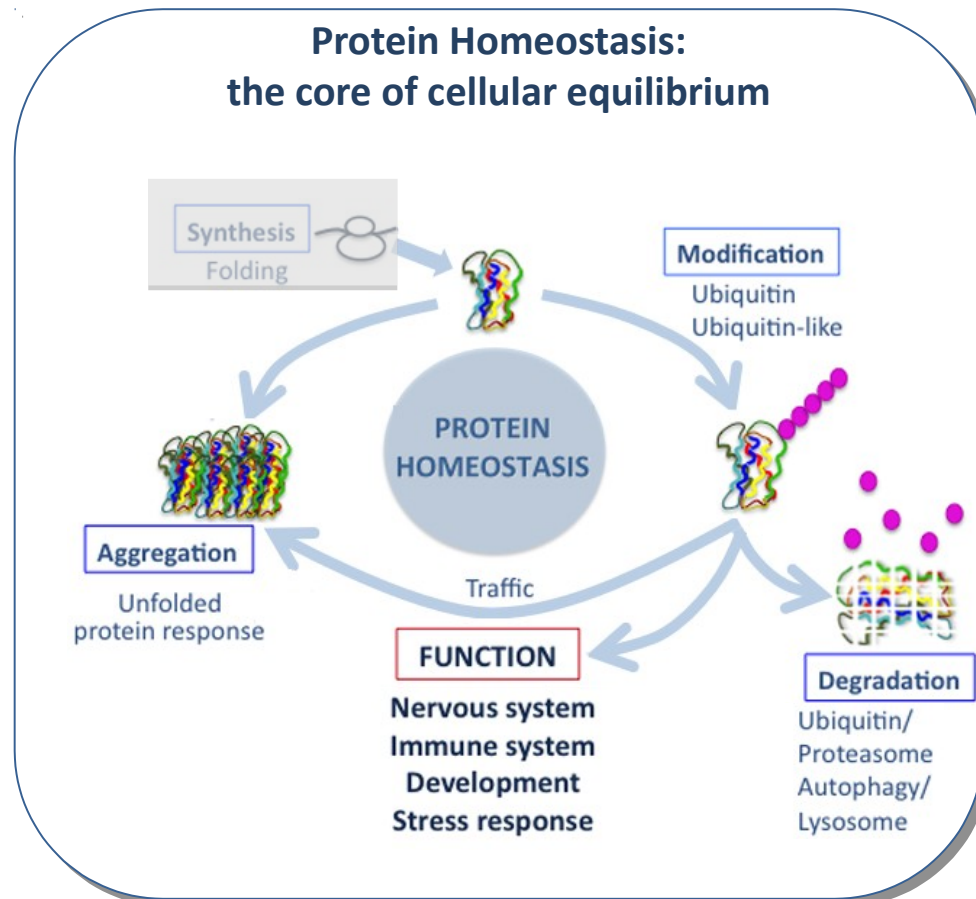
European network to integrate research on intracellular proteolysis pathways in health and disease

COST ACTION BM1307

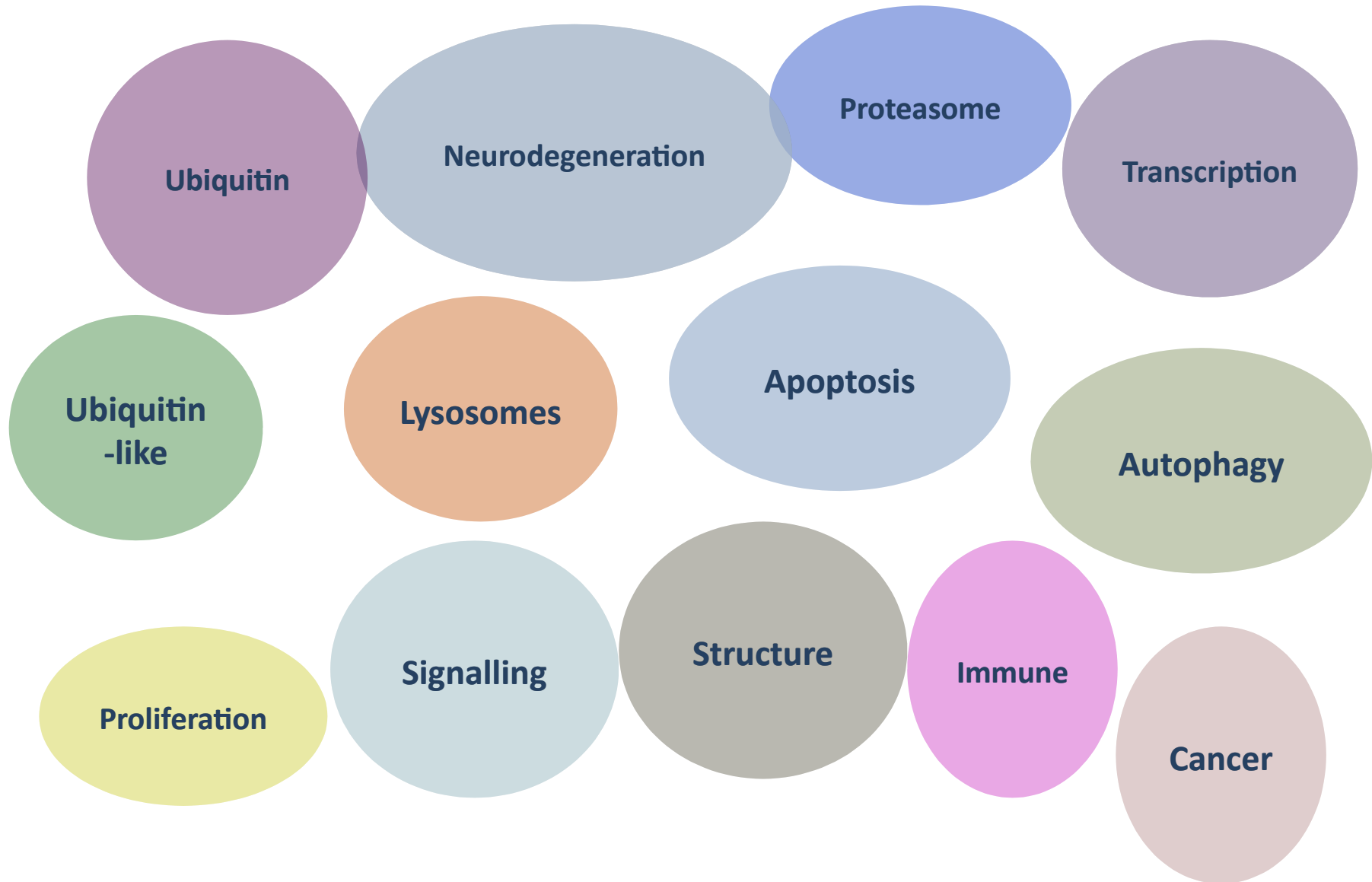
Duration: April 2014 - April 2018

www.cost-proteostasis.eu

PROTEOSTASIS: At a glance



PROTEOSTASIS: COST, an Opportunity for collaboration



PROTEOSTASIS: Objectives



INTEGRATION

To defragment the field and increase communication.

TRANSLATIONALITY

To facilitate the transfer from basic to translational science.

TECHNOLOGY

To foster technology and knowledge in protein homeostasis.

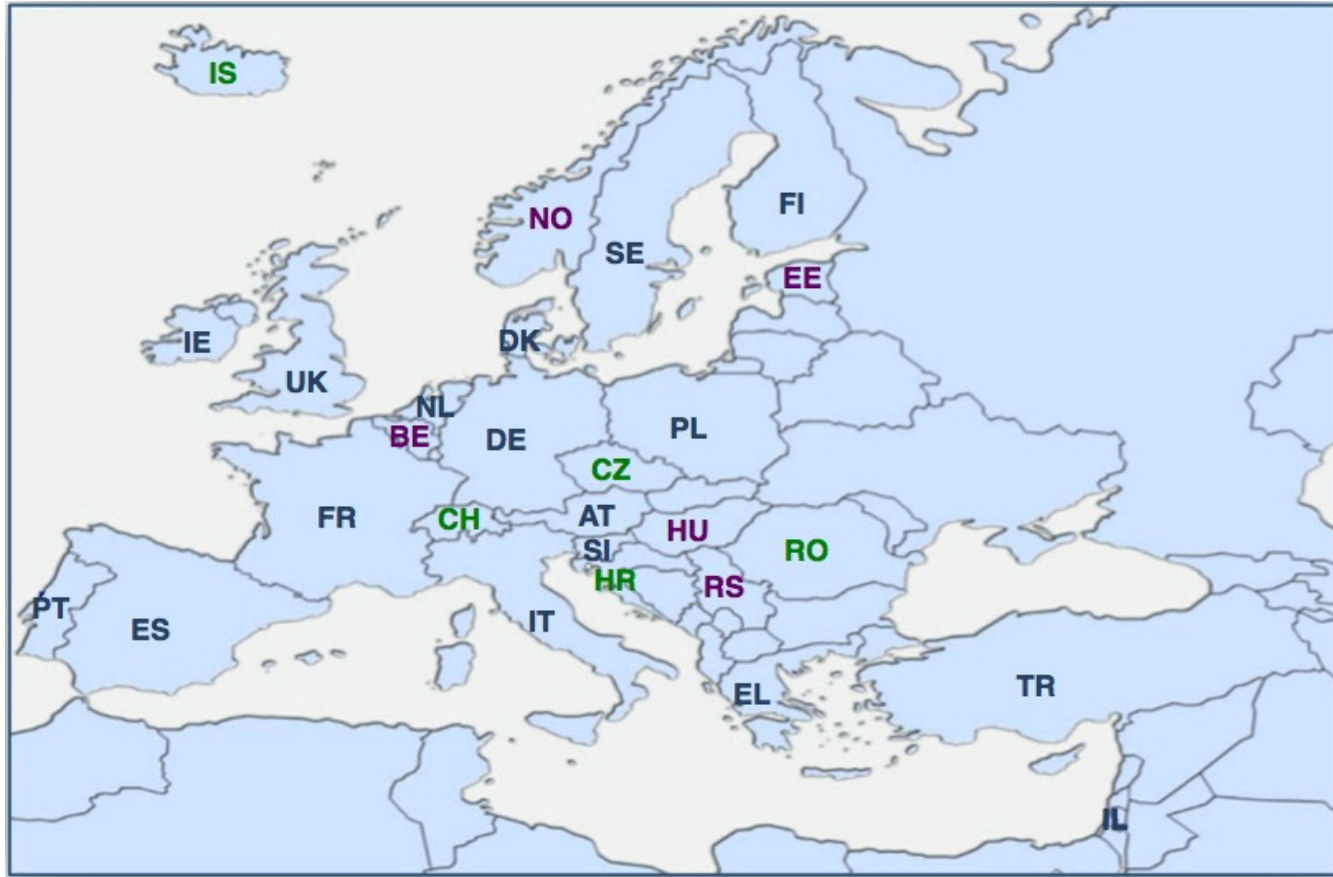
TRAINING

To create and consolidate training efforts in the field.

PROTEOSTASIS: Participants

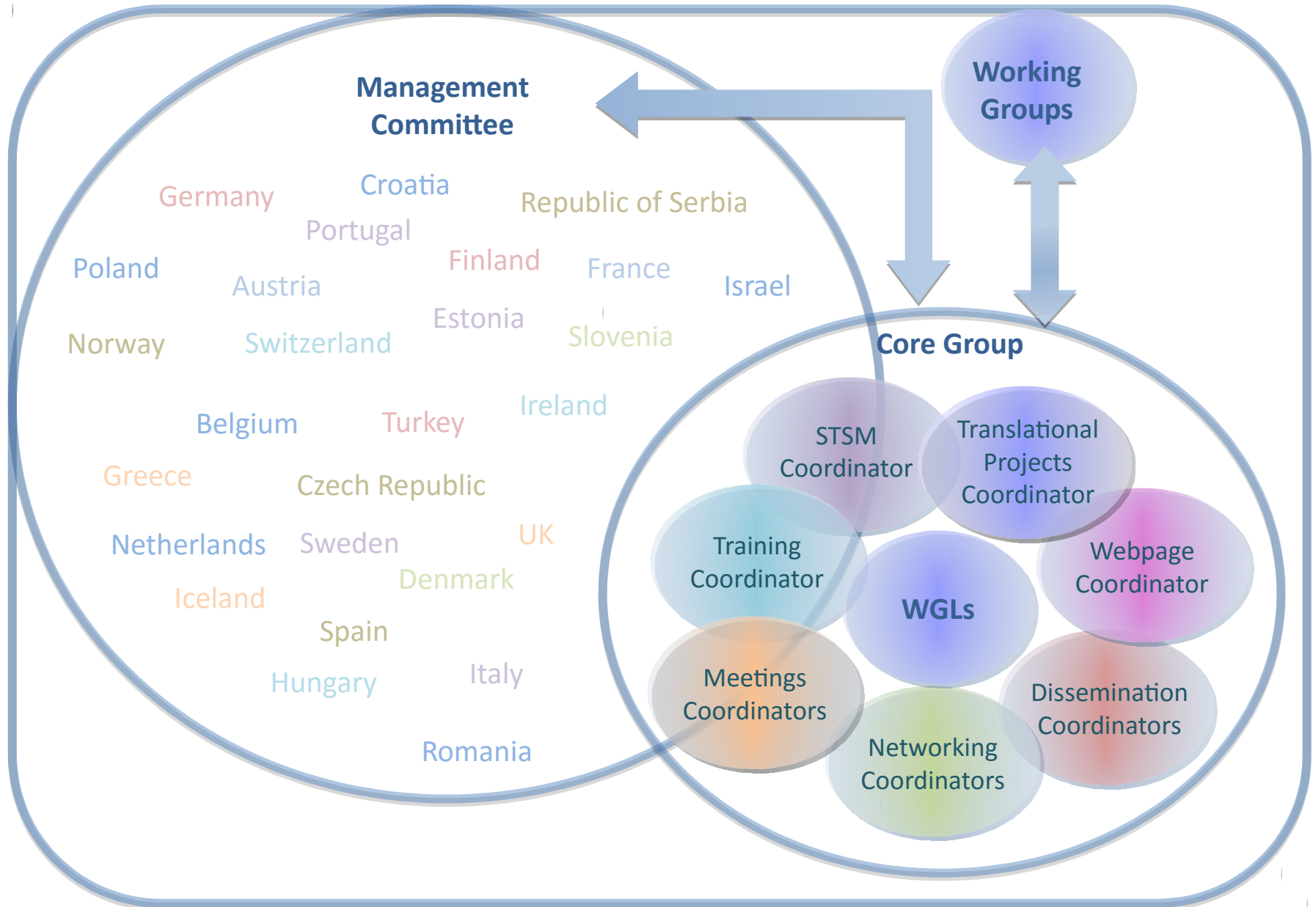


Participant Countries: 27 + Ukraine



Participant Groups: >200

PROTEOSTASIS: Organization



PROTEOSTASIS: Working Groups

WG1 Protein Modification

mechanisms, crosstalks,
properties, structural basis,
receptors

WG2 Proteolytic Systems

proteasomes, autophagy,
lysosomes, apoptosis

WG3 Cell Signalling

signalling cascades, protein
traffic, transcriptional
regulation

WG4 Quality Control, Misfolding and Aggregation

folding, ERAD, chaperones

WG5 Cell Proliferation and Differentiation

cell cycle, cell growth,
development

WG6 Diseases and Biotechnology

cancer, inflammation,
neurodegeneration,
biotechnology

PROTEOSTASIS: Activities 2015-2016

Meetings/ Workshops

- EMBO Conference on Ubiquitin and Ubiquitin-like modifiers, September 2015, Cavtat (Croatia).
- 11th International Meeting on Yeast Apoptosis, September 2015, Porto (Portugal).
- 7th Proteasome and Autophagy Workshop, April 2016, Clermont-Ferrand (France).

Short Term Scientific Missions

- **10 funded collaborative missions**

Training Schools

- In vivo analysis of ubiquitylation and sumoylation in yeast, September 2015, Paris (France).
- Practical course on ubiquitin and ubiquitin-like proteins, October 2015, Frankfurt am Main (Germany).

Translational Projects

- 6 collaborative translational projects on neurodegeneration and cancer

PROTEOSTASIS: Contact us!



PROTEOSTASIS



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