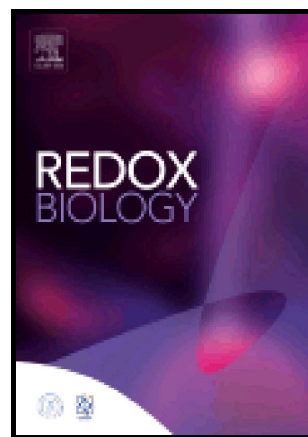


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A single cysteine posttranslational oxidation suffices to compromise globular proteins kinetic stability and promote amyloid formation

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A single cysteine posttranslational oxidation suffices to compromise globular proteins kinetic stability and promote amyloid formation

Patrizia Marinelli^{1^}, Susanna Navarro^{1^}, Ricardo Graña¹, Manuel Baño-Polo¹, Maria Rosario Fernández¹, Elena Papaleo² and Salvador Ventura^{1*}

¹Institut de Biotecnologia i de Biomedicina and Departament de Bioquímica i Biologia Molecular; Universitat Autònoma de Barcelona; 08193 Bellaterra (Barcelona), Spain.

² Computational Biology Laboratory, Danish Cancer Society Research Center, 2100, Copenhagen, Denmark

[^]These authors contributed equally to this work.

*Correspondence:

Salvador Ventura

Institut de Biotecnologia i de Biomedicina

Parc de Recerca UAB, Mòdul B

Universitat Autònoma de Barcelona

E-08193 Bellaterra (Barcelona)

salvador.ventura@uab.es

Abbreviations:

PTM, post-translational modifications; ROS, reactive oxygen species; MSO, methionine sulfoxide; CD, circular dichroism; MD, molecular dynamics; Th-T, thioflavin T; CR, Congo red.

Keywords:

Protein oxidation, Protein misfolding, Protein aggregation, Oxidative stress, Posttranslational modification

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