Reviewer’s report

Title: Translational research on reserve against neurodegenerative disease: Consensus report of the International Conference on Cognitive Reserve in the Dementias and the Alzheimer’s Association Reserve, Resilience and Protective Factors Professional Interest Area working groups

Version: 1 Date: 07 Oct 2018

Reviewer: Constança Paúl

Reviewer's report:

The paper addressed a relevant subject adding to the research on "cognitive reserve" the concepts of "brain reserve" and "brain maintenance" and stressing the relevance of multifactorial approach including neurobiological capital, brain plasticity among others together with lifestyle, experience and contextual variables, studied either in humans or in animal models. This consensus report is more than welcome and opens and incentives new routes on dementia research. My main concern is the gap between the abstract and the paper itself as we expect to learn more on comparing dementia with other disease models namely Parkinson, multiple sclerosis and schizophrenia that are almost not mentioned through out this paper. In our view these other diseases should not be given so much relevance in the abstract and maybe just mentioned in the recommendation section for future perspectives.

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