



## IAGG Global Research Network on Health & Ageing Questionnaire for selection process

Name of the Centre: **Ageing and Neurodegenerative Diseases, UNED**  
Key Investigator / Head of Department: **Soledad Ballesteros, Professor**  
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### Description of the Centre:

#### a) Type of investigations:

- Basic Science / Fundamental
- Clinical Research
- Health Services Research
- Epidemiologic/Public Health Research
- Other

#### b) Themes investigated (please specify):

- Dementia
- Frailty
- Sarcopenia
- Other Neurodegenerative Disorders
- Geriatric Disorders
- Cardiovascular Risk Factors
- Metabolism
- Ageing research
- Genetics
- Gerontechnology
- Other

#### c) Number of investigators in ongoing positions:

- Less than 5
- to 10
- More than 10

#### d) Number of investigators funded by specific projects:

- 1 to 3
- 4 to 5
- More than 5

#### e) Does your Centre have a:

- Clinical affiliation
- Academic affiliation

#### f) Does your Centre have a basic sciences program? (Please specify topic)

- Yes **Master in Gerontology; Ph.D Program on Ageing and Neurodegenerative Diseases**
- No

### If your Centre is affiliated to a Geriatric Department, please provide the following information:

#### a) Types of units:

- Acute Ward - **Number of beds: 0**
- Outpatient Ward - **Number of patients/year: 0**
- Community Care Unit - **Number of visits/year: 0**

- Day Hospital - **Number of places/day: 0**
- Geriatric Rehabilitation Unit - **Number of beds: 0**
- Long-Term Care - **Number of beds: 0**
- Special Units (stroke, memory, ortho-geriatric, psycho-geriatric) - **Number of beds: 0**

**b) Number of staff in the Department:**

Geriatric: **0**  
 Gerontology: **0**  
 Other: **0**

**c) Does the Day Hospital have specialist services?**

- Dementia / Memory
- Cardiovascular clinic
- Rehabilitation
- Falls assessment clinic
- Parkinson's disease clinic
- Other

**d) Does your Geriatric Department already cooperate with supervising clinical trials?**

- Yes
- No

**Management of the Centre:**

**a) Is your Centre an existing national or government recognized medical research Centre?**

- Yes
- No

**b) Does the Centre receive funded grants? (Please specify source)**

Yes **7FP European Commission; Madrid Community (Bioscience); Ministerio de Ciencia e Innovación (MINCINN)**

No

**c) Does the Centre collaborate with trials funded by pharmaceutical companies?**

- Yes
- No

**d) Will the Centre shortly begin investigation projects?**

- Yes
- No

**Indicate the three main publications over the last 2 years:**

1/ Name of Journal: **Cortex, 46, 522-534. doi:10.1016/j.cortex.2009.09.003**

Title of article: **Ageing affects brain activity in highly educated older adults: An ERP study using a word-stem priming task**

2/ Name of Journal: **. Brain Research, 1289, 56-68. doi:10.1016/j.brainres.2009.07.013**

Title of article: **The effect of age on word-stem cued recall: A behavioral and electrophysiological study**

3/ Name of Journal: **Experimental Brain Research, 189, 473-483.**

Title of article: **). Selective attention modulates visual and haptic repetition priming: Effects on aging and Alzheimers' disease.**

**Please add short biographies (maximum 1 page) of the Key Investigators and Head of Department**

**Soledad Ballesteros, Ph.D. is Full Professor of Basic Psychology, Director of the Department and the Research Group on Ageing and Neurodegenerative Diseases, Universidad Nacional de Educación a Distancia (UNED). PROFESSIONAL AND RESEARCH EXPERIENCE. Director, Ph.D Program ?Ageing and Neurodegenerative Diseases. Honors Program, Dirección General de Universidades (Ref. MCD2003-00411)**

since 2003; Director, Modular Program on Gerontology (Master and Expert Degrees) since 2001; Director Research Group (GEEN) "Studies on Aging and Neurodegenerative Diseases" (G33E59.) RESEARCH INTERESTS Implicit and explicit memory in the lifespan, Selective attention, memory and aging, Neural correlates of ageing and cognition, Ageing, cognitive ageing, event-related potential (ERP), Normal and pathological ageing, haptic and visual repetition priming for familiar and novel objects, Functional magnetic resonance (fMRI), ICT technology and networking in successful ageing, word-stem priming and explicit memory. RESEARCH SUPPORT. unded Grants ? Present Support Ballesteros, S. (principal investigator, and project coordinator). Compensation factors of cognitive ageing: The role of computer technology and physical activity. A behavioral and neuroimaging study of successful ageing. Ministerio de Ciencia e Innovación (Coord. Project Ref.: PSI2010-21609-C02-01) grant 114.950,00 €, 01/01/2011-31/12/2013. Ballesteros, S. (principal investigator). User-sensitive home-based system for successful Ageing in a Networked Society (AGNES). European Commission FP7-2008-AAL; Reference: AAL-2008-1-014. Direct and indirect costs of the project: 2.465.000 €. (UNED 211.450 €). 2009-2012. Ballesteros, S. (principal investigator). Acción Complementaria Internacional Proyecto Europeo SOMAPS. Ministerio de Ciencia e Innovación. Ref.: PSI2008-01264-E/PSCI, 2009-2010 Ballesteros, S. (principal investigator). Visual memory for objects and aging: A behavioral and neuroimaging study. Programa de Movilidad de Profesores de Universidad e Investigadores. Dirección General de Universidades (Ref.: PE-2007-0069). University of Illinois at Urbana-Champaign. Beckman Institute for Advanced Science and Technology (United States) Ballesteros, S. (principal investigator). Imagen multiparamétrica de la competencia vascular/Multiparametric imaging of vascular competence (MULTIMAG-CM). Comunidad de Madrid. Programa de Actividades de I+D entre Grupos de Investigación en Biociencias, Área Prioritaria: Ciencias de la Salud y Biotecnología. Línea Científico-Tecnológica: Imágenes Biomédicas. Ref.: 2006/BIO-0170. Costs 600.000€. 2007-2011. Ballesteros, S. (principal investigator). Multilevel systems analysis and modelling of SOMatosensory, Memory, and Affective MAPs of body and objects in multidimensional Subjective space (SOMAPS). European Commission, FP6-2005-NEST-Path, Proposal No 043432. Costs 2.039.380 €. (UNED: 271.000 €). 2007-2010. More than 200 publications in Journals, books and chapter. ASSOCIATE EDITOR/EDITOR ASOCIADO European Journal of Cognitive Psychology, 2005-2009. E:\Articulos\ESCoP The European Society for Cognitive Psychology.htm Guest Editor (2009) Special Issue on Aging, Cognition and Neuroscience, European Journal of Cognitive Psychology PROGRAM COMMITTEE MEMBER (Haptic Science) WorldHAPTICS 2005, Pisa, Italy. PROGRAM COMMITTEE MEMBER (Haptic Science) WorldHAPTICS 2007, Tsukuba, Japan. INTERNATIONAL PROGRAM COMMITTEE, EuroHaptics 2008, Madrid, Spain. EDITORIAL BOARD, ASSOCIATE EDITOR (HAPTIC SCIENCE), WORLDHAPTICS 2009 CONFERENCE, Salt Lake City, Utah, USA.- MEMBER Sociedad Española de Geriátría y Gerontología, since 2005 -Member of the Psychonomic Society, 1987 y continua (Associate Member 1986-1987). -Member European Society for Cognitive Psychology, 1990 y continua? -Member of the Tactile Research Group, 1994 y continua?? -Advisory Council Member International Association for the Study of Attention and Performance (since 2002?). E:\Articulos\INTERNATIONAL ASSOCIATION FOR THE STUDY OF ATTENTION AND PERFORMANCE.htm - BRAID: Bridging Research in Ageing and ICT Development. Soledad Ballesteros (UNED) is member of the Board of Experts of the FP7 project BRAID: Bridging Research in Ageing and ICT Development. - Collaborating Centre of the International Association of Gerontology and Geriatrics (IAGG) designación del Laboratorio de Envejecimiento y Cognición del Departamento de Psicología Básica II de la UNED como centro colaborador desde abril 2009 a abril 2013.