



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

Name of the Centre: **Area de Geriatría. Hospital Monte Naranco. Oviedo. España**
Key Investigator / Head of Department: **Francisco Manuel Suárez García/ Juan José Solano Jaurrieta**
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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 **Frailty. Oxidative stress and aging Inflammation and aging Aging and immunity**
- No

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

a) Types of units:

- Acute Ward - **Number of beds: 86**
- Outpatient Ward - **Number of patients/year: 2300**
- Community Care Unit - **Number of visits/year: 0**

- Day Hospital - **Number of places/day: 15**
- Geriatric Rehabilitation Unit - **Number of beds: 15**
- Long-Term Care - **Number of beds: 0**
- Special Units (stroke, memory, ortho-geriatric, psycho-geriatric) - **Number of beds: 35**

b) Number of staff in the Department:

Geriatric: **11**

Gerontology: **0**

Other: **7**

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 **FIS (INSTITUTO CARLOS III) FICYT (PRINCIPADO DE ASTURIAS)**
- 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: **AGE**

Title of article: **Alonso-Arias R, Moro-García MA López-Vázquez A, Rodrigo L, Baltar J, Suárez García FM, Solano Jaurrieta JJ, and López-Larrea C. NKG2D expression in CD4+ T lymphocytes as a marker of senescence in the aged immune system. (in press, DOI: 10.1007/s1135**

2/ Name of Journal: **J Gerontol A Biol Sci Med Sci**

Title of article: **de Gonzalo-Calvo D, Neitzert K, Fernández M, Vega-Naredo I, Caballero B, García-Macia M, Suárez FM, Rodríguez-Colunga MJ, Solano JJ, Coto-Montes A. Defective Adaption of Erythrocytes During Acute Hypoxia Injury in an Elderly Population.**

3/ Name of Journal: **Free Radical Biology & Medicine**

Title of article: **de Gonzalo-Calvo D, Neitze rt K, Fernández M, Vega-Naredo I, Caballero B, García-Macia M, Suárez FM, Rodríguez-Colunga MJ, Solano JJ, Coto-Montes A. Differential inflammatory responses in aging and disease: TNF-alpha and IL-6 as possible biomarkers.**

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

Francisco Manuel Suárez García Born on June the 30th of 1968. He studied Medicine at the Medical School

of the University of Oviedo, specializing in Geriatrics in Hospital de Toledo (Toledo); obtained her PhD degree at the University of Oviedo (2007). He is Master in Health Administration and Health Investigation Specialist at Health Department of Spain. In the Hospital Monte Naranco, he currently leads the field of investigation coordination. He is also, medical doctor assigned to Health Department of Asturias, where is responsible of planification and evaluation of health services activity. Annually participates in a summer course dedicated to Research on Aging, and a postgraduate course of Continuing Education in Aging. He belongs to the Spanish Society of Geriatric Medicine, SEMEG (in which he has been Financial between 2004 and 2007). As a researcher he belongs to the Spanish Cooperative Research Network on Aging and Fragility (RETICEF) and the Group of Cellular Response to Oxidative Stress at the University of Oviedo (Cluster of Biomedicine and Health). He is the principal investigator and collaborator in several projects funded by national agencies and currently, he is conducting a research on heart failure/ageing immune system/inflammation that is being done in collaboration with the Group of Cellular Response to Oxidative Stress at the University of Oviedo and the Immunology Department of the Hospital Universitario Central de Asturias. He is also a collaborator of the National Agency of Evaluation and Prospective (ANEP). He has authored over 20 articles in international journals, and more than 100 communications to national and international conferences, in which frequently provides updates through invited lectures.

Juan José Solano Jaurrieta Born on September the 28th of 1961. He studied Medicine at the Medical School of the University of Oviedo, specializing in Geriatrics in Hospital Central de la Cruz Roja and Hospital Universitario de Getafe (Madrid). In the Hospital Monte Naranco, he currently leads the field of Geriatrics, having previously been Head of Section of Day Care Hospital and Community Care and Consultant Physician assigned to the Acute Geriatric Unit. Clinically has been responsible for the Areas of Acute Care of the elderly, Day Care Hospital and interdepartmental medical consultation, before moving to the current leadership roles. He is also, Associate Professor of Medicine at the Medical School of the University of Oviedo, where he is responsible for the subject "Elderly Health Care ", and Professor at the College of Occupational Therapy Padre Ossó , where is responsible for Geriatrics module. Annually participates in a summer course dedicated to Research on Aging, and a postgraduate course of Continuing Education in Aging. He was Chairman of the Teaching Hospital Committee, which has teaching capacity for doctors and nurses in Geriatrics, and he was member of the Geriatric National Commission. He belongs to the Spanish Society of Geriatric Medicine, SEMEG (in which he has been Chairman between 2004 and 2007) and the Spanish Society of Geriatrics and Gerontology, SEGG (in which he has been a representative in the UEMS). As a researcher he belongs to the Spanish Cooperative Research Network on Aging and Fragility (RETICEF) and the Group of Cellular Response to Oxidative Stress at the University of Oviedo (Cluster of Biomedicine and Health). He is the principal investigator and collaborator in several projects funded by national agencies, and is also a collaborator of the National Agency of Evaluation and Prospective (ANEP). He has authored over 70 articles in international journals, and more than 200 communications to national and international conferences, in which frequently provides updates through invited lectures.

Rebeca Alonso Arias Born on June the 16th of 1970. She graduated in Biology at the University of Oviedo (1993), obtained her PhD degree at the Complutense University of Madrid (1998) and specializing in Clinical Immunology at the Gregorio Marañón Hospital (1998). Since 2000, she performs her clinical and research work in the Immunology Department of the Hospital Universitario Central de Asturias . Moreover, she collaborates in teaching interns of Immunology and students of Medical School at University of Oviedo. She has been associated research in several projects funded by national agencies and currently, she is conducting a research on aging immune system that is being done in collaboration with the Group of Cellular Response to Oxidative Stress at the University of Oviedo. Their group performed their first studies in this research topic on the aging of the CD4+ T cells in HIV-infected individuals (Alonso-Arias et al, J AIDS, 2008), then they were interested in the effect of the physiological aging on this subset of T lymphocytes (Alonso-Arias et al, AGE in press). Moreover, their field of research has been extended to analyze the association between immune and functional status of individuals (Moro-García, AGE in correction) and the effect of additional factors such as exercise and homeostatic cytokines on the aging immune response (manuscript in preparation).

Ana María Coto Montes Born on April of 1967. She studied biology at the University of Oviedo, and she continue her studies in the University of Gottingen, where she was invited researcher. Now, she is professor of biology at the University of Oviedo, where she obtained her doctoral degree in 1995. She coordinates the Group of Cellular Response to Oxidative Stress at the University of Oviedo (Cluster of Biomedicine and Health), with special interest in aging. She is member of the Spanish Cooperative Research Network on Aging and Fragility (RETICEF). Annually coordinates a summer course dedicated to Research on Aging, and a postgraduate course of Continuing Education in Aging. She is the principal investigator and collaborator in several projects funded by national agencies. Her research interests in aging are reflexed in her papers related to melatonin, autophagy, oxidative stress and functional impairment.

José Antonio Boga Riveiro Born on 1967. He studied biology at the University of Oviedo, and she continue her studies in the University of Gottingen, where he was invited researcher. He obtained her doctoral degree in 1995. He is interested in elderly infectious diseases.