



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

Name of the Centre: **"Sapienza" University of Rome**
Key Investigator / Head of Department: **Donini Lorenzo M**
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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
- 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: 30**
- Long-Term Care - **Number of beds: 120**
- Special Units (stroke, memory, ortho-geriatric, psycho-geriatric) - **Number of beds: 0**

b) Number of staff in the Department:

Geriatric: **0**
 Gerontology: **0**
 Other: **15**

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 **European Commission (7FP), Italian University and Research Ministry (MIUR), Nat Inst for Health Migrants and Poverty (NIHMP), Ist Naz Ricerca Alimenti e Nutrizione (INRAN)**

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: Arch Gerontol Geriatr

Title of article: **Nutrition in the elderly: role of fiber.**

2/ Name of Journal: J Nutr Health Aging

Title of article: **SENILE ANOREXIA IN DIFFERENT GERIATRIC SETTINGS IN ITALY**

3/ Name of Journal: J Nutr Health Aging

Title of article: **PREDICTING THE OUTCOME OF LONG-TERM CARE BY CLINICAL AND FUNCTIONAL INDICES: THE ROLE OF NUTRITIONAL STATUS**

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

Lorenzo M. Donini was born in Rome on the 20th April, 1955. "Ancien élève" at the Lycée Chateaubriand of Rome and graduated in Medicine and Surgery at the Catholic University "Sacro Cuore" of Rome; in 1990-1 he qualified as a Specialist in Food Science and Nutrition and in 1995-6 in Statistics at the "Sapienza" University of Rome. From February 1987 to October 2000 he worked at the Rehabilitation Clinical Institute "Villa delle Querce" (Nemi - Rome), as Assistant to Geriatrics and Rehabilitation Unit and as Head of the

Clinical Nutrition and Dietetics Department. The 1st November 2000 he joined the Faculty of Medicine and Surgery of the "Sapienza" University of Rome as Associate Professor. He carries out his teaching and scientific activity in the facilities of the Department of Medical Physiopathology - Food Science Section of "Sapienza" University of Rome (Italy) Research Since 1991 he carries out research dealing specifically with the study of nutritional issues. He published more than 80 works in extenso (most part on international journals) and more than 20 chapters of books relevant to: - malnutrition (identification of prediction equations for weight and stature in the Italian population, validation of tools for the assessment of the nutritional status, ethics of the nutritional intervention, impact of the nutritional status on the outcome of the rehabilitation programmes) - catering services (impact of the quality of hospital catering services on nutritional status of institutionalised elderly population, survey on the hospital dietetics and on the role of nutritional treatment of the patients admitted in the hospital) - obesity and metabolism (multidimensional approach to the treatment of obesity, use of spelt in the diets of subjects affected with type 2 diabetes mellitus) - eating behaviour (orthorexia nervosa, senile anorexia and refusal to eat in the elderly) He collaborated to inter-and intra-university research projects - 1993: Ageing Finalised Project CNR, sub-project 2, Epidemiological Longitudinal Study (scientific responsible of the Research: Prof. V. Marigliano). - 2001: "Biology and Molecular Medicine (BEMM)" project (scientific responsible of the Research: Prof. A. Santoni) financed by COFINLAB 2001 He coordinated the research projects: - 2005: "Anorexia of aging: causes and prevalence" (prot 2005067913) PRIN of the Ministry of Education, University and Research (MIUR) - 2009: "Characterizing of bone metabolism in obese people: evaluation in vivo and in vitro" (prot C26F09LBRL) of the "Sapienza" University of Rome (Federated Athenaeum research) He is a member of the working group of the "Sapienza" University of Rome for the project "New E- health services for a dietary approach in the elderly" RISTOMED? (prot 222230 - SME-2007-1) in the 7th Framework Program of the European Community for Activities of Research and Technological Development. He is the scientific responsible of the WP1 of the "Functional food for elderly (ALIETA)" research project (part of the research program "Alimentary and functional quality - QUALIFU") financed by the Ministry of Agricultural, Feeding and Forest Politics (DM 2087/7303/09 - 28/01/2009). He coordinates the research project "Malnutrition in Geriatrics: clinical features and psychosocial determinants (MEG)" financed by the National Institute for the promotion of health in Migrant Populations and in opposition of the Poverty diseases (INMP) (delib. Dir Gen 352 - 16/12/2009). He took part into the following works: - Consensus Conference about "Obesity, metabolic syndrome and cardiovascular risk" organized by the Centre of Study and Research on Obesity? University of Milan (Rome, 29-30 October 2003) - Expert panel for the configuration of the Minimum Data Set for clinical trials in the elderly (Abellan Van Kan G et al: JNHA 2008, 12, 3, 197-200) - Consensus document on "Obesity and Eating disorders" indications for different treatment levels? SIO-Lazio e SISDCA (Donini LM, Spera G, Cuzzolaro M - <http://lazio.sio-obesita.org/documenti/lazio1.pdf>) - operative protocol for the "Piano di Prevenzione Attiva (PPA) "Active prevention plan" against obesity - Latium Region (Italy) . He is responsible of the working group of SINU-INRAN for the revision of Italian RDA (LARN - Livelli di Assunzione Raccomandati di Energia e Nutrienti) for elderly population. He is a member of the Revisor Board MIUR-COFIN since April 2003 for the Biological Sciences Area (05), Section BIO/09 Physiology and of the Board of Experts of the Committee for the Evaluation of the Research (CIVR) since November 2004. He worked as referee for many scientific journals and since 2004 he is in the Editorial Board of the "Journal of Nutrition Health & Aging", of "Eating and Weight Disorders" and of the "Giornale di Gerontologia?". Teaching At present he is entrusted to teach "Physiology of Nutrition" at the second year of the Degree for Dieticians of the "Sapienza" University of Rome Since the academic year 2001-2 he was entrusted to teach - Human Physiology and Anatomy, in the Degree Courses "C" and "E" in Medicine and Surgery - in the Integrated Courses of Methodology VIII for the Degree Courses "A" and "E" in Medicine and Surgery - in the Specialisation Schools in "Food Science and Nutrition" and "Endocrinology" Since 2001 he is vice-president of the 1st Level Degree Course for Dieticians (President: Prof. C. Cannella). Since June 2004 he is vice-director of the Specialisation School in Food Science and Nutrition (Director: Prof. C. Cannella). Clinical Activity Since 1998, at the Rehabilitation Clinical Institute "Villa delle Querce" of Nemi (RM - Italy), he is the Scientific Director of the Metabolic-Nutritional Rehabilitation Unit working by means of: - Metabolic-Nutritional Rehabilitation ward which has (52 beds available for inpatients affected by obesity and related diseases, eating disorders, malnutrition) - internal consulting service (about 800 patients per year treated through an evaluation (clinic, anthropometric, laboratory one) of nutritional status and a nutritional intervention (diet prescription, oral supplement and artificial nutrition) - Dietetics and Nutritional Therapy outpatient ward devoted to metabolic diseases (4.000 visits per year). Outpatient activity provides a multidisciplinary approach that integrates nutritional evaluation and treatment, physical reconditioning and cognitive-behavioural group therapy.