

PERSONAL INFORMATION

Lorenzo M Donini

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Sex: M Date of birth: 20/04/1955

Nationality: Italy



CURRENT POSITION

Full professor of food science and human nutrition

ADDITIONAL RELEVANT POSITIONS

- Head, Research Unit “Food science and Human nutrition” at the Sapienza University, Rome (Italy)
- President of the degree Course of “Sciences, cultures and gastronomic politics for well-being” at the Sapienza University, Rome (Italy)
- Director, Specialty School in “Food science” at the Sapienza University, Rome (Italy)
- Editor in Chief of “Eating and Weight Disorders” journal - Springer (IF

RESEARCH FIELD (MAX 1000 characters space included)

- Obesity and sarcopenic obesity (multidimensional approach to the treatment of obesity, disability related to obesity)
- Eating disorders (orthorexia, senile anorexia, staging system)
- Malnutrition (prediction equations for weight and stature, ethics of the nutritional intervention, impact of the nutritional status on the outcome of the rehabilitation programmes)
- Nutritional status evaluation (validation of tools for the assessment of the nutritional status, impact of nutritional status on clinical outcome and quality of life)
- Sustainability of Mediterranean Diet (sustainability dimensions, nutritional indicators of sustainability)
- 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)

WORK EXPERIENCE

since September 2016	Full professor of Food Science and Nutrition Research and teaching activity on food science and nutrition Sapienza University, Rome Italy
since March 2011	Head of the Food Science and Human Nutrition Research unit Research and clinical activity on food science, dietetics and clinical nutrition “Sapienza” University of Rome (Experimental Medicine Department - Medical Physiopathology, Food Science and Endocrinology Section)
November 2000 August 2016	Associate professor of Food Science and Nutrition Research and teaching activity on food science and nutrition Sapienza University, Rome Italy
November 1987 September 2011	Head of the Clinical Nutrition and Dietetics Department <ul style="list-style-type: none"> • Metabolic-Nutritional Rehabilitation ward (obesity, eating disorders and malnutrition inpatients) • internal consulting service (multidimensional evaluation of nutritional status, nutritional intervention through diet prescription, oral supplement and artificial nutrition) • Dietetics and Nutritional Therapy outpatient ward devoted to metabolic diseases: multidisciplinary approach integrating nutritional evaluation and treatment, physical reconditioning and cognitive-behavioural group therapy • Rehabilitation Clinical Institute “ Villa delle Querce” (Nemi - Rome)
February 1987 September 2011	Assistant to Geriatrics and Rehabilitation Unit Multidimensional evaluation and geriatric rehabilitation at the Rehabilitation Clinical Institute “ Villa delle Querce” (Nemi - Rome)

EDUCATION AND TRAINING

28.11.1996	Specialised in Statistics “Sapienza” University of Rome
14.11.1991	Specialised in Food Science and Nutrition “Sapienza” University of Rome
28.10.1986	Graduated in Medicine and Surgery Catholic University “Sacro Cuore” of Rome

PERSONAL SKILLS

Mother tongue Italian
 Other languages French (Level C2, speaking and writing)
 English (Level C1, speaking and writing)

ADDITIONAL INFORMATION

Publications and main indexes

Total number of publications in peer-review journals: 222 (Scopus)
 H-Index (14.04.2022): 40 (Scopus); 51 (Google Scholar)
 Google Scholar Page: <https://scholar.google.com/citations?user=JDKLPGwAAAAJ>
 Scopus: <https://www.scopus.com/authid/detail.uri?authorId=6603764863>
 ORCID: 0000-0003-4692-4754

Relevant publications for the call (max 5)

1. Poggiogalle E, Kiesswetter E, Romano M, Saba A, Sinesio F, Polito A, Moneta E, Ciarapica D, Migliaccio S, Suwalska A, Wiczorowska-Tobis K, Patys W, Łojko D, Sulmont-Rossé C, Fearat C, Brug J, Volkert D, **Donini LM**. Psychosocial and cultural determinants of dietary intake in community-dwelling older adults: A Determinants of Diet and Physical Activity systematic literature review. *Nutrition*. 2021;85:111131. doi: 10.1016/j.nut.2020.111131
2. Poggiogalle E, Parrinello E, Barazzoni R, Busetto L, **Donini LM**. Therapeutic strategies for sarcopenic obesity: a systematic review. *Curr Opin Clin Nutr Metab Care*. 2021;24(1):33-41. doi: 10.1097/MCO.0000000000000714.
3. **Donini LM**, Stephan BCM, Rosano A, Molfino A, Poggiogalle E, Lenzi A, Siervo M, Muscaritoli M. What Are the Risk Factors for Malnutrition in Older-Aged Institutionalized Adults? *Nutrients*. 2020;12(9):2857. doi: 10.3390/nu12092857
4. **Donini LM**, Rosano A, Di Lazzaro L, Lubrano C, Carbonelli M, Pinto A, Giusti AM, Lenzi A, Siervo M. Impact of Disability, Psychological Status, and Comorbidity on Health-Related Quality of Life Perceived by Subjects with Obesity. *Obes Facts*. 2020;1-10. doi: 10.1159/000506079.
5. **Donini LM**, Busetto L, Bauer JM, Bischoff S, Boirie Y, Cederholm T, Cruz-Jentoft AJ, Dicker D, Frühbeck G, Giustina A, Gonzalez MC, Han HS, Heymsfield SB, Higashiguchi T, Laviano A, Lenzi A, Parrinello E, Poggiogalle E, Prado CM, Rodriguez JS, Rolland Y, Santini F, Siervo M, Tecilazich F, Vettor R, Yu J, Zamboni M, Barazzoni R. Critical appraisal of definitions and diagnostic criteria for sarcopenic obesity based on a systematic review. *Clin Nutr*. 2019. pii: S0261-5614(19)33151-6. doi: 10.1016/j.clnu.2019.11.024.

Presentations at conferences

Over 50 invited and plenary lectures on nutrition (basic, applied and clinical) and health related topics at national and international conferences.

Main projects with interest for the call (last 5 years)

2021-2023	"New sustainable foods with high nutritional value based on malted legumes from Lazio" Lazio-Innova (CUP J85F21000590002)
2019-2021	"Gut microbiota, skeletal muscle and aminoacid-profile" WP of the project "MICROBESOMICS: effect of gut microbiome on "obesitytypes" (prot 2017FM74HK) PRIN-RPNI (Research Project of National Interest) financed by the Ministry of Education, University and Research (MIUR)
2017-2018	"Use of a structured questionnaire for the collection of data on disability through the INTERNATIONAL CLASSIFICATION OF FUNCTIONING, DISABILITY AND HEALTH (ICF) in obesity. Validation by multicenter study (coordinated by IRCCS Istituto Auxologico of Piancavallo (VB, Italy)
2017-2019	"Characterising SARcopenia and sarcopenic obesity in patients Aged 65 years and over, at risk of mobility disability. An OBServational Clinical Trial (SARA-OBS)" financed by Biophytis S.A. (Paris, France)
2017-2019	"Metabolic flexibility and ectopic fat. Adiposity phenotype, mitochondrial dysfunction, hepatic inflammation, gut microbiota, cardiac failure and genetic for a comprehensive understanding of the cross-talk among adipose tissue, liver and musculo-skeletal system". (prot nr 2015JSWLTN) PRIN-RPNI (Research Project of National Interest) financed by the Ministry of Education, University and Research (MIUR)
2017	ADAMO verification test for SPRINTT, final user test simulation in older (>65 years) healthy volunteers: acceptability and reliability over 7-day continuous use & data recording (finanziato da Caretek)
2014-2017	"Nutritional effect of the intervention based on the Mediterranean diet associated with physical activity on hepatic steatosis, miosteatosis and cardio-respiratory fitness in metabolic syndrome" (prot nr C26A14R4SR) financed by the "Sapienza" University of Rome
2013-2016	Research and Training Projects "Training of highly qualified human capital expert in the design of innovative foods for well-being and nutritional interventions for the prevention of the appearance of chronic degenerative diseases associated with the diet" as part of the PROS.IT project - prevention of diseases associated with diet and promotion of healthy aging (CTN01_00230_413096), within the National AGRIFOOD CLUSTER (CLAN) (development and strengthening plan of national technological clusters issued by MIUR with Directorial Decree of 30.05.12 2012 n. 257)

Honours and awards 2020 - Stanford University World's Top 2% Scientists ranking
2019 - Stanford University World's Top 2% Scientists ranking

Memberships and managerial activities

- Member of the Review Working Group of LARN (Nutrition in the elderly) Edition 2012 and 2021
- 2015-2018 - President of the Italian Society for the Study of Eating Disorders (SISDCA)

14.04.2022

