CURRICULUM VITAE
EUROPEAN FORMAT

PERSONAL INFORMATION

Name	**ELENA GANGITANO**
E-mail	elena.gangitano@unicamillus.org

EDUCATION AND WORK EXPERIENCE

2024-2025 **Adjunct Professor**
Endocrinology, MSc Dentistry and Dental Prosthetics
Saint Camillus International University of Health Sciences, Rome

2023-2025 **Research Fellow**
Department of Experimental Medicine
Sapienza University of Rome, Umberto I Policlinic

2023 **PhD in Endocrinological Sciences - Doctor Europaeus**
Full marks with honors
Department of Experimental Medicine
Sapienza University of Rome, Umberto I Policlinic

2022 **Research Fellow**
Oxford Centre for Diabetes, Endocrinology and Metabolism
University of Oxford, Oxford, UK

2019 **Residency in Endocrinology and Metabolic Diseases**
Full marks with honors
Department of Experimental Medicine
Sapienza University of Rome, Umberto I Policlinic

2019 **Research Fellow**
Oxford Centre for Diabetes, Endocrinology and Metabolism
University of Oxford, Oxford, UK

2017-2018 **Visiting Clinical Fellow**
Oxford Centre for Diabetes, Endocrinology and Metabolism
University of Oxford, Oxford, UK

2014 **Visiting Doctor**
Medicine Department
Columbia University, NewYork-Presbyterian Hospital, New York, US

2013-2014 **Attending Doctor**
Department of Experimental Medicine
Department of Internal Medicine and Medical Specialties
Sapienza University of Rome, Umberto I Policlinic

2013 **Master's Degree in Medicine and Surgery**
Full marks with honors
Sapienza University of Rome, Umberto I Policlinic

2012 **Elective internship**
Gastroenterology and Hepatology Service and Ward
Royal Devon and Exeter Hospital, Exeter, UK

SKILLS

NATIVE LANGUAGE: Italian

OTHER SPOKEN AND WRITTEN LANGUAGE: English

OTHER INFORMATION AND SKILLS:

Registered in Albo dei Medici Chirurghi of Rome.

Winner of university research calls (Sapienza University of Rome) and grants from international scientific societies.

Participation in national and international scientific conferences, with presentation of the results of the research conducted.

Tutoring activity of students; co-supervisor of degree theses of Medicine and Surgery students (Sapienza University of Rome).

Member of the following scientific societies: European Society of Endocrinology, Society for Endocrinology, Società Italiana di Endocrinologia, Società Italiana dell'Obesità and Associazione Medici Endocrinologi.

SCIENTIFIC PAPERS

- Barrea L, Boschetti M, Gangitano E, Guglielmi V, Verde L, Muscogiuri G. *Long-term efficacy and safety of nutritional and pharmacological strategies for obesity*, Current Obesity Reports 2025, 14:1. https://doi.org/10.1007/s13679-024-00602-y
- Mischitelli M, Poggiogalle E, Tozzi G, Ferri F, Parisse S, Meloni B, Morrone A, Sabbadini A, Salem M, Gangitano E, et al. *Reduced Intra- and Extracellular Circulating Postprandial Lysosomal Acid Lipase Activity in Patients with MASLD*. Metabolites 2024, 14, 725. https://doi.org/10.3390/metabo14120725
- Gangitano E, Scannapieco F, Lubrano C, Gnessi L. *Metabolic Syndrome, Hepatic Steatosis and Testosterone: A Matter of Sex.* Livers 2024, 4, 534-549. https://doi.org/10.3390/livers4040038
- Gangitano E, Curreli M.I, Gandini O, Masi, D, Spoltore M.E, Gnessi L, Lubrano C. *Bone Quality Indices Correlate with Growth Hormone Secretory Capacity in Women Affected by Weight Excess: A Cross-Sectional Study.* J. Clin. Med. 2024, 13, 5064. https://doi.org/10.3390/jcm13175064
- Nemeth D.V, Iannelli L, Gangitano E, D'Andrea V, Bellini M.I. *Energy Metabolism and Metformin: Effects on Ischemia-Reperfusion Injury in Kidney Transplantation.* Biomedicines 2024, 12, 1534. https://doi.org/10.3390/biomedicines12071534
- Gangitano E, Baxter M, Voronkov M, Lenzi A, Gnessi L and Ray D. *The interplay between macronutrients and sleep: focus on circadian and homeostatic processes.* Front. Nutr. 2023, 10:1166699. https://doi.org/10.3389/fnut.2023.1166699

- Gangitano E, Martinez-Sanchez N, Bellini,M.I, Urciuoli I, Monterisi S, Mariani S, Ray D, Gnessi L. *Weight Loss and Sleep, Current Evidence in Animal Models and Humans.* Nutrients 2023, 15, 3431. https://doi.org/10.3390/nu15153431
- Pecora G, Sciarra F, Gangitano E, Venneri MA. *How Food Choices Impact on Male Fertility*, Current Nutrition Reports 2023, https://doi.org/10.1007/s13668-023-00503-x
- Cimini F.A, Tramutola A, Barchetta I, Ceccarelli V, Gangitano E, Lanzillotta S, Lanzillotta C, Cavallo M.G, Barone E. *Dynamic Changes of BVRA Protein Levels Occur in Response to Insulin: A Pilot Study in Humans.* Int. J. Mol. Sci. 2023, 24, 7282. https://doi.org/10.3390/ijms24087282
- Gangitano E*, Masi D*, Criniti A, Ballesio L, Anzuini A, Marino L, Gnessi L, Angeloni A, Gandini O, Lubrano C. *Obesity-Associated Hepatic Steatosis, Somatotropic Axis Impairment, and Ferritin Levels Are Strong Predictors of COVID-19 Severity.* Viruses 2023, 15, 488. https://doi.org/10.3390/v15020488
- Bellini MI, Urciuoli I, Del Gaudio G, Polti G, Iannetti G, Gangitano E, Lori E, Lubrano C, Cantisani V, Sorrenti S, D'Andrea V. *Nonalcoholic fatty liver disease and diabetes*. World J Diabetes 2022; 13(9): 668-682. https://dx.doi.org/10.4239/wjd.v13.i9.668
- Gangitano E, Barbaro G, Susi M, Rossetti R, Spoltore ME, Masi D, Tozzi R, Mariani S, Gnessi L, Lubrano C. *Growth Hormone Secretory Capacity Is Associated with Cardiac Morphology and Function in Overweight and Obese Patients: A Controlled,* Cross-Sectional Study. Cells 2022, 11, 2420. https://doi.org/10.3390/cells11152420
- Gangitano E, Gnessi L, Merli M. *Protein Catabolism and the Dysregulation of Energy Intake-Related Hormones May Play a Major Role in the Worsening of Malnutrition in Hospitalized Cirrhotic Patients*. Livers 2022, 2, 158–170. https://doi.org/10.3390/livers2030014
- Tozzi R, Masi D, Cipriani F, Contini S, Gangitano E, Spoltore ME, Barchetta I, Basciani S, Watanabe M, Baldini E, Ulisse S, Lubrano C, Gnessi L, Mariani S. *Circulating SIRT1 and Sclerostin Correlates with Bone Status in Young Women with Different Degrees of Adiposity,* Nutrients 2022, 14, 983. https://doi.org/10.3390/nu14050983
- Gangitano E, Gnessi L, Lenzi A, Ray D. *Chronobiology and Metabolism: Is Ketogenic Diet Able to Influence Circadian Rhythm?* Frontiers in Neuroscience, 2021, 15:756970. https://doi.org/10.3389/fnins.2021.756970
- Gangitano E, Tozzi R, Mariani S, Lenzi A, Gnessi L, Lubrano C. *Ketogenic Diet for Obese COVID-19 Patients: Is Respiratory Disease a Contraindication? A Narrative Review of the Literature on Ketogenic Diet and Respiratory Function,* Frontiers in Nutrition 2021; 8:771047; https://doi.org/10.3389/fnut.2021.771047
- Gangitano E, Ginanni Corradini S, Lubrano C, Gnessi L. *La Non-Alcoholic Fatty Liver Disease, una patologia epatica di interesse endocrinologico,* L'Endocrinologo 2021, https://doi.org/10.1007/s40619-021-00955-9
- Watanabe M, Balena A, Tuccinardi D, Tozzi R, Risi R, Masi D, Caputi A, Rossetti R, Spoltore ME, Filippi V, Gangitano E, Manfrini S, Mariani S, Lubrano C, Lenzi A, Mastroianni C, Gnessi L. *Central obesity, smoking habit, and hypertension are associated with lower antibody titres in response to COVID-19 mRNA vaccine*, Diabetes/Metabolism Research and Reviews, 2021;1–10, https://doi.org/10.1002/dmrr.3465
- Gangitano E, Tozzi R, Gandini O, Watanabe M, Basciani S, Mariani S, Lenzi A, Gnessi L, Lubrano C. *Ketogenic Diet as a Preventive and Supportive Care for COVID-19 Patients,* Nutrients 2021, 13, 1004. https://doi.org/10.3390/nu13031004
- Appanna N, Gibson H, Gangitano E, Dempster NJ, Morris K, George S, Arvaniti A, Gathercole LL, Keevil B, Penning TM, Storbeck KH, Tomlinson JW, Nikolaou N. *Differential activity and expression of human 5β-reductase (AKR1D1) splice variants*, Journal of Molecular Endocrinology 2021 66, 181–194. https://doi.org/10.1530/JME-20-0160

- Risi R, Masieri S, Poggiogalle E, Watanabe M, Caputi A, Tozzi R, Gangitano E, Masi D, Mariani S, Gnessi L, Lubrano C. *Nickel sensitivity is associated with GH-IGF1 axis impairment and pituitary abnormalities on MRI in overweight and obese subjects,* International Journal of Molecular Sciences 2020, 21, 9733; https://doi.org/10.3390/ijms21249733
- Tozzi R, Moramarco A, Watanabe M, Balena A, Caputi A, Gangitano E, Petrangeli E, Mariani S, Gnessi L, Lubrano C. *Case report: Pituitary morphology and function are preserved in female patients with idiopathic intracranial hypertension under pharmacological treatment: a case series*, Frontiers in Endocrinology 2021;11:613054. https://doi.org/10.3389/fendo.2020.613054
- Barnard L, Nikolaou N, Louw C, Schiffer L, Gibson H, Gilligan LC, Gangitano E, Snoep J, Arlt W, Tomlinson JW, Storbeck KH. *The A-ring reduction of 11-ketotestosterone is efficiently catalyzed by AKR1D1 and SRD5A2 but not SRD5A1*. The Journal of Steroid Biochemistry and Molecular Biology 2020;202(June):105724. https://doi.org/10.1016/j.jsbmb.2020.105724
- Sansone M, Sansone A, Gangitano E, Romano M, Seraceno S, Romanelli F. *Nutritional Benchmarking: A Top Priority,* Biomedical Journal of Scientific & Technical Research, 10(1)-2018. https://doi.org/10.26717/BJSTR.2018.10.001893
- Watanabe M, Masieri S, Costantini D, Tozzi R, De Giorgi F, Gangitano E, Tuccinardi D, Poggiogalle E, Mariani S, Basciani S, Petrangeli E, Gnessi L, Lubrano C. *Overweight and obese patients with nickel allergy have a worse metabolic profile compared to weight matched non-allergic individuals,* PLoS ONE 2018, 13(8): e0202683. https://doi.org/10.1371/journal.pone.0202683
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