

CURRICULUM VITAE

Angela Lombardi

Department of Clinical and Molecular Medicine
Faculty of Medicine and Psychology
"La Sapienza" University and Sant' Andrea Hospital
Via di Grottarossa, 1035-37
00189 Rome, Italy
angela.lombardi@uniroma1.it
angela.lombardi@einsteinmed.edu

EDUCATION

2006

Master of Science in Biotechnology: University of Naples "Federico II", Naples, Italy

2010

Ph.D. in Biology and Biotechnology: University of Salento, Lecce, Italy

2022

Master of Science in Clinical and Translational Research: Albert Einstein College of Medicine, New York, NY

POSTGRADUATE TRAINING

2004-2007

Intern: Department of Biology and Cellular and Molecular Pathology, University of Naples "Federico II", Naples, Italy

2007-2010

Research Fellow in Biology and Biotechnology: University of Salento, Lecce, Italy

2010-2011

Post-doctoral Research Fellow: Department of Biology and Cellular and Molecular Pathology, University of Naples "Federico II", Naples, Italy

2011-2012

Visiting Fellow: Columbia University Medical Center, New York, NY

2012-2016

Post-doctoral Research Fellow: Division of Endocrinology, Diabetes and Bone Disease, Icahn School of Medicine at Mount Sinai, New York, NY

PROFESSIONAL EMPLOYMENT

2017-2018

Associate Research Scientist: Department of Medicine, Albert Einstein College of Medicine, New York, NY

2018-2019

Instructor: Department of Medicine, Albert Einstein College of Medicine, New York, NY

2020-2024

- ◆ Assistant Professor (tenure track): Department of Medicine, Division of Endocrinology, Albert Einstein College of Medicine, New York, NY
- ◆ Assistant Professor (tenure track): Department of Microbiology and Immunology, Albert Einstein College of Medicine, New York, NY

January 2025-present

Assistant Professor (tenure track): Department of Clinical and Molecular Medicine, Faculty of Medicine and Psychology, "La Sapienza" University, Rome, Italy

July 2025-present

- ◆ Adjunct Assistant Professor: Department of Medicine, Division of Endocrinology, Albert Einstein College of Medicine, New York, NY
- ◆ Adjunct Assistant Professor: Department of Microbiology and Immunology, Albert Einstein College of Medicine, New York, NY

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Medicine, New York, NY

PROFESSIONAL SOCIETY MEMBERSHIP

- Member, Endocrine Society
- Member, American Diabetes Association (ADA)
- Member, European Association for the Study of Diabetes (EASD)

AWARDS AND HONORS

2007

Doctorate Student in Biology and Biotechnology Award

2009

European Association for the Study of Diabetes Travel Grant Award

2010

Telethon Research Young Investigator Award

2011

Italian Welfare Ministry Young Investigator Award

2014

International Society of Endocrinology Travel Grant Award

Grant Reviewer – Italian Ministry of Health (Section: Endocrinology)

2015

Helmsley Charitable Trust - Award in Type 1 Diabetes

2017

Associate Professor of National call for all Italian Universities (Qualification)

2018

Selected as Reviewer for MIUR PRIN projects

2020

- JDRF Immunotherapies Award
- Mentored Clinical and Translational Research Career Development Award
- Einstein-Mount Sinai Diabetes Research Center Pilot and Feasibility Award
- Master of Science in Clinical Research Methods Scholarship
- Diabetes Action Research and Education Foundation Award

2021

Einstein's Nathan Shock Center in the Basic Biology of Aging Pilot and Feasibility Award

2022

- Serving as a member of the Medical Advisory Board of Diabetes Action Research and Education Foundation
- Master of Science in Clinical and Translational Research

2024

- Albert Einstein College of Medicine 2030 Seed Fund
- Islets Initiative Award

2025

Winner of Direct Calls program of the Italian Ministry of Education, Universities and Research (MIUR)

PATENTS

2021 Patent inventor – U.S. patent N. *PCT/US2020/044911* (In Force) - Approved
PEPTIDES THAT BLOCK PRESENTATION OF ANTIGENIC ISLET PEPTIDES BY HLA-DQ8 AND
METHODS FOR TREATING TYPE-1 DIABETES

EDITORIAL EXPERIENCE

- Associate Editor for *Clinical Diabetes and Endocrinology*
- Associate Editor for *Frontiers in Endocrinology – Clinical Diabetes*

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- Associate Editor for *Journal of Diabetes Research and Endocrinology*
- Editorial Board Member of *Gerontology*
- Editorial Board Member of *Nature Scientific Reports*
- Editorial Board Member of *Frontiers in Endocrinology*
- Editorial Board Member of the *Journal of Endocrinological Investigation*
- Editorial Board Member of *Immunoendocrinology*
- Editorial Board Member of *Journal of Diabetes and Treatment*

Serving as Reviewer for (selection): Endocrinology; Journal of Endocrinology; Journal of Clinical Endocrinology and Metabolism (JCEM); Journal of Immunology; Frontiers in Physiology; Frontiers in Endocrinology; Journal of Advanced Research; Frontiers in Neuroscience; Gerontology; Thyroid; Journal of General Internal Medicine; Journal of Biomedical Science; Therapeutic Advances in Endocrinology and Metabolism; Biomedical Research; Gene; Frontiers in Immunology; Journal of Nutrition and Diabetes Research; Medical Sciences; BMC Medical Genetics; Frontiers in Nutrition; Clinical and Experimental Immunology; Journal of Autoimmunity; Current Gene Therapy; Pharmaceuticals; BMC Medicine; Aging Cell; Journal of Biotechnology; Hypertension

RESEARCH SUPPORT AS PRINCIPAL INVESTIGATOR

Islet Initiative Award

Title: Exogenous ketones and type 1 diabetes

Role: Principal Investigator

Sponsor: Integrated Islets Distribution Program (IIDP)

Period: 8/1/2024-7/31/2026

Aim: The goal of this project is to use diabetic human islets as translational tools to investigate the clinical potential of ketone bodies in type 1 diabetes

Albert Einstein College of Medicine 2030 Seed Fund

Title: New Insights in age-associated beta cell dysfunction

Role: Principal Investigator

Sponsor: Anonymous donation to Albert Einstein

Period: 2/1/2024-1/1/2025

Aim: The goal of this project is to find new therapeutic strategies to target mitochondrial health in age-related diabetes

Diabetes Action Research and Education Foundation Grant (#495)

Title: Tackling beta cell death in type 1 diabetes

Role: Principal Investigator

Sponsor: Diabetes Action Research and Education Foundation

Period: 1/1/2021-12/31/2023

Aim: The goal of this project is to test antigen-specific peptide immunotherapy in order to restore immune homeostasis preventing endocrine pancreas destruction

KL2TR002558

KL2 Mentored Translational Research Career Development Award

Title: A translational approach to identify cutting-edge therapeutic strategies in type 1 diabetes

Role: Principal Investigator

Sponsor: NIH-NCATS

Period: 7/1/2020-6/30/2023

Aim: The goal of this project is to dissect the immunological mechanisms underlying autoimmunity in type 1 diabetes; the scope of this Award is to obtain preliminary data to apply for independent fundings

Einstein's Nathan Shock Center in the Basic Biology of Aging Pilot and Feasibility Award

Title: Pinpointing ER-phagy in aging pancreatic beta-cell

Role: Principal Investigator

Sponsor: NIH-NIA

Period: 11/1/2021-10/31/2023

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Aim: The goal of this project is to dissect the underlying mechanisms of age-related beta cell dysfunction

1-INO-2020-924-A-N

FY20 Beta Cell Replacement, Immunotherapies, and Metabolic Control Innovative Grant

Title: New approaches to target antigen presentation in type 1 diabetes

Role: Principal Investigator

Sponsor: JDRF

Period: 3/1/2020-8/31/2021

Aim: The goal of this project is to identify novel molecules to avert autoimmune beta cell death

2-PAR-2015-69-Q-R

2P30DK020541-45

Einstein-Mount Sinai Diabetes Research Center Pilot and Feasibility Award

Title: Innovative therapeutic strategies in type 1 diabetes

Role: Principal Investigator

Sponsor: NIH-NIDDK

Period: 4/1/2020-3/31/2022

Aim: The goal of this project is to develop new tools to prevent and treat type 1 diabetes

SPEAKER AT SCIENTIFIC MEETINGS AND SEMINARS (LAST 5 YEARS SELECTION)

1. Institute for Clinical and Translational Research Seminar Series. New York, NY, USA. **2021**
Covid-19 and diabetes: preliminary findings from a Bronx study

2. 18th Immunology of Diabetes (IDS). Virtual meeting. **2021**
Harnessing retro inverso peptides to modulate antigen presentation in type 1 diabetes

3. Institute for Clinical and Translational Research Seminar Series. New York, NY, USA. **2021**
Effect of L-arginine in patients with Covid-19: results of the first interim analysis

4. NYC-Type 1 Diabetes Research Network Symposium. New York, NY, USA. **2021**
A translational approach to identify cutting-edge therapeutic strategies in type 1 diabetes

5. Institute for Clinical and Translational Research Seminar Series. New York, NY, USA. **2022**
In-hospital hyperglycemia is associated with worse outcomes in patients hospitalized with Covid-19

6. The Endocrine Society (ENDO) 2022 Annual Scientific Meeting. Atlanta, Georgia, USA. **2022**
Cutting-edge translational strategies in type 1 diabetes

7. NYC-T1D 2nd Annual Symposium. New York, NY, USA. **2022**
Targeting antigen presentation by retro-inverso peptides as a potential new therapy for type 1 diabetes

8. 10th Annual Meeting of the International Cytokine and Interferon Society. Big Island, Hawaii, USA. **2022**
Pancreas derived peptide presentation by HLA-DQ in Diabetes

9. Albert Einstein Nathan Shock Center Seminar Series. New York, NY, USA. **2023**
New insights in ketones and beta cell function

10. Einstein-Sinai Diabetes Research Center Seminar Series. New York, NY, USA. **2023**
Tackling beta cell death in type 1 diabetes

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- 11.** The 2023 Norman Fleischer New York Regional Diabetes Symposium. New York, NY, USA. **2023**
The ketone metabolite beta-hydroxybutyrate and its role in type 1 diabetes
- 12.** Gordon Research Conference on Pancreatic Diseases. Lucca, Italy. **2023**
New insights in ketones and beta cell function
- 13.** American Federation for Aging Research Annual Scientific Meeting. Santa Barbara, California, USA. **2023**
Novel therapeutic strategies in age associated beta cell dysfunction
- 14.** ADA 2023 Annual Scientific Meeting. San Diego, California, USA. **2023**
A trailblazing approach to target mitochondrial dysfunction in diabetic beta cells
- 15.** NYC-T1D 3rd Annual Symposium. New York, NY, USA. **2023**
Exogenous ketones and type 1 diabetes
- 16.** ADA 2024 Annual Scientific Meeting. Orlando, Florida, USA. **2024**
Aging and beta cell function
- 17.** 2024 Norman Fleischer NYC Regional Diabetes Symposium. New York, NY, USA. **2024**
Targeting mitochondrial health in the aging beta cells
- 18.** Eight Northeast Glenn Symposium on the Biology of Aging. New Haven, CT, USA. **2024**
New player in age related diabetes
- 19.** Einstein-Sinai Diabetes Research Center Seminar Series. New York, NY, USA. **2025**
BHB: friend or foe for stressed beta cells
- 20.** PhD in Morphogenesis and Tissue Engineering Seminar Series. Rome, Italy. **2025**
Novel molecular mechanisms targeting pancreatic beta cell function and resilience
- 21.** Department of Clinical and Molecular Medicine Seminar Series. Rome, Italy. **2025**
Ketones in cardiovascular disease and diabetes: from bench to bedside
- 22.** NYAS Events. The Science of Aging: Combating the Onset of Age-Related Diseases Conference. New York, NY, USA. **2025**
Innovative therapeutic strategy to safeguard beta-cell function and combat aging-driven endocrine dysfunction

PEER REVIEWED PAPERS

1. Angela Cassese, Iolanda Esposito, Francesca Fiory, Alessia Paola Barbagallo, Flora Paturzo, Paola Mirra, Luca Ulianich, Ferdinando Giacco, Claudia Iadicicco, **Angela Lombardi**, Francesco Oriente, Emmanuel Van Obberghen, Francesco Beguinot, Pietro Formisano, Claudia Miele.
IN SKELETAL MUSCLE, ADVANCED GLYCATION END PRODUCTS INHIBIT INSULIN ACTION AND INDUCE THE FORMATION OF MULTIMOLECULAR COMPLEXES INCLUDING THE RECEPTOR FOR AGES.
J Biol Chem. 283 (52): 36088-99. 2008
2. Stefania De Vitis, Antonella Sonia Treglia, Luca Ulianich, Stefano Turco, Giuseppe Terrazzano, **Angela Lombardi**, Claudia Miele, Corrado Garbi, Francesco Beguinot, Bruno Di Jeso.
TYR-PHOSPHATASE-MEDIATED P-ERK INHIBITION SUPPRESSES SENESENCE IN E1A+VRAF TRANSFORMED CELLS, WHICH PARADOXICALLY ARE APOPTOSIS-PROTECTED IN A MEK-DEPENDENT MANNER.

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Neoplasia. 13 (2): 120-30. 2011

3. Francesca Fiory, **Angela Lombardi**, Claudia Miele, Jean Giudicelli, Francesco Beguinot, Emmanuel Van Obberghen.

METHYLGLYOXAL IMPAIRS INSULIN SIGNALLING AND INSULIN ACTION ON GLUCOSE-INDUCED INSULIN SECRETION IN THE PANCREATIC BETA CELL LINE INS-1E.

Diabetologia. 54 (11): 2941-2952. 2011

4. Salvatore Luca D'Ascia, Cristoforo D'Ascia, Vittorio Marino, **Angela Lombardi**, Rosalia Santulli, Massimo Chiariello, Gaetano Santulli.

CARDIAC RESYNCHRONIZATION THERAPY RESPONSE PREDICTS OCCURENCE OF ATRIAL FIBRILLATION IN NON- ISCHEMIC DILATED CARDIOMYOPATHY.

International Journal of Clinical Practice. 65 (11): 1149-55. 2011

5. **Angela Lombardi**, Luca Ulianich, Antonella Sonia Treglia, Cecilia Nigro, Luca Parrillo, Dario Domenico Lofrumento, Giuseppe Nicolardi, Corrado Garbi, Francesco Beguinot, Claudia Miele, Bruno Di Jeso.

INCREASED HEXOSAMINE BIOSYNTHETIC PATHWAY FLUX DEDIFFERENTIATES INS-1E CELLS AND MURINE ISLETS BY AN EXTRACELLULAR SIGNAL-REGULATED KINASE ERK (1/2)-MEDIATED SIGNAL TRANSMISSION PATHWAY.

Diabetologia. 55 (1): 141-53. 2012

6. Gaetano Santulli*, **Angela Lombardi*** (*co-First Authorship), Daniela Sorriento, Carmine Del Giudice, Pietro Formisano, Francesco Béguinot, Bruno Trimarco, Claudia Miele, Guido Iaccarino.

AGE-RELATED IMPAIRMENT IN INSULIN RELEASE: THE ESSENTIAL ROLE OF BETA2-ADRENERGIC RECEPTOR.

Diabetes. 61 (3): 692-53. 2012

7. Rosalind Saginur Brown*, **Angela Lombardi*** (*co-First Authorship), Alia Hasham, David A. Greenberg, Joshua Gordon, Erlinda Concepcion, Sara Salehi Hammerstad, Vaneet Lotay, Weijia Zhang, Yaron Tomer.

GENETIC ANALYSIS IN YOUNG-AGE-OF-ONSET GRAVES' DISEASE REVEALS NEW SUSCEPTIBILITY LOCI.

J Clin Endocrinol Metab. 99 (7): E1387-91. 2014

8. Mihaela Stefan, Chengguo Wei, **Angela Lombardi**, Cheuk Wun Li, Erlinda Concepcion, William B Inabnet III, Randall Owen, Weijia Zhang, Yaron Tomer.

GENETIC-EPIGENETIC DYSREGULATION OF THYMIC TSH RECEPTOR GENE EXPRESSION TRIGGERS THYROID AUTOIMMUNITY.

Proc Natl Acad Sci USA. 111 (34): 12562-7. 2014

9. **Angela Lombardi** (corresponding Author), William B. Inabnet III, Randall Owen, Kaitlyn Farenholtz, Yaron Tomer.

ENDOPLASMIC RETICULUM STRESS AS A NOVEL MECHANISM IN AMIODARONE-INDUCED DESTRUCTIVE THYROIDITIS.

J Clin Endocrinol Metab. 100 (1): E1-10. 2015

10. **Angela Lombardi** (corresponding Author), Francesca Menconi, David A. Greenberg, Erlinda Concepcion, Marenza Leo, Roberto Rocchi, Michele Marinó, Mehdi Keddache, Yaron Tomer.

DISSECTING THE GENETIC SUSCEPTIBILITY TO GRAVES'DISEASE IN A COHORT OF PATIENTS OF ITALIAN ORIGIN.

Frontiers in Endocrinology. 7: 21. 2016

11. Hanna Lee, **Angela Lombardi**, Mihaela Stefan, Cheuk Wun Li, William B. Inabnet III, Randall Owen,

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Erlinda Concepcion, Yaron Tomer.

CD40 SIGNALING IN GRAVES DISEASE IS MEDIATED THROUGH CANONICAL AND NONCANONICAL THYROIDAL NUCLEAR FACTOR KB ACTIVATION.

Endocrinology. 158 (2): 410-418. 2017

12. **Angela Lombardi** (corresponding Author), Yaron Tomer. (Original article).

INTERFERON-ALPHA IMPAIRS INSULIN PRODUCTION IN HUMAN BETA CELLS VIA ENDOPLASMIC RETICULUM STRESS.

Journal of Autoimmunity. 80: 48-55. 2017

13. **Angela Lombardi**, Bruno Trimarco, Guido Iaccarino, Gaetano Santulli.

IMPAIRED MITOCHONDRIAL CALCIUM UPTAKE CAUSED BY TACROLIMUS UNDERLIES BETA-CELL FAILURE.

Cell Communication and Signaling. 15 (1): 47. 2017

14. Jason Blackard, Ling Kong, **Angela Lombardi**, Dirk Homann, Sara Salehi Hammerstad, Yaron Tomer.

A PRELIMINARY ANALYSIS OF HEPATITIS C VIRUS IN PANCREATIC ISLET CELLS.

Virology Journal. 14: 237. 2017

15. **Angela Lombardi**, Jessica Gambardella, Xue-Liang Du, Daniela Sorriento, Maurizio Mauro, Bruno Trimarco, Guido Iaccarino, Gaetano Santulli.

SIROLIMUS INDUCES DEPLETION OF INTRACELLULAR CALCIUM STORES AND MITOCHONDRIAL DYSFUNCTION IN PANCREATIC BETA CELLS.

Nature Scientific Reports. 7 (1): 15823. 2017

16. Larissa Costa Faustino, **Angela Lombardi**, Julio Madrigal Matute, Randall Owen, Steven K Libutti, Yaron Tomer.

INTERFERON ALPHA TRIGGERS AUTOIMMUNE THYROID DISEASES VIA LYSOSOMAL-DEPENDENT DEGRADATION OF THYROGLOBULIN.

J Clin Endocrinol Metab. 103 (10): 3678-3687. 2018

17. **Angela Lombardi** (corresponding Author), Effie Tsomos, Sara Salehi Hammerstad, Yaron Tomer.

INTERFERON ALPHA: THE KEY TRIGGER OF TYPE 1 DIABETES.

Journal of Autoimmunity. 94: 7-15. 2018

18. Sara Salehi Hammerstad, Jason T. Blackard, **Angela Lombardi**, Randall Owen, Erlinda Concepcion, Zhengzi Yi, Weijia Zhang, Yaron Tomer.

HEPATITIS C VIRUS INFECTION OF HUMAN THYROCYTES: METABOLIC, HORMONAL, AND IMMUNOLOGICAL IMPLICATIONS.

J Clin Endocrinol Metab. 105 (4): 1157-68. 2020

19. Jessica Gambardella, **Angela Lombardi**, Marco Bruno Morelli, John Ferrara, Gaetano Santulli.

INOSITOL 1,4,5-TRISPHOSPHATE RECEPTORS IN HUMAN DISEASE: A COMPREHENSIVE UPDATE.

Journal of Clinical Medicine. 9 (4): 1096. 2020

20. Alessandro Matarese*, Jessica Gambardella*, **Angela Lombardi*** (*co-First Authorship), Xujun Wang, Gaetano Santulli.

miR-7 REGULATES GLP-1 MEDIATED INSULIN RELEASE BY TARGETING ARRESTIN 1.

Cells. 6; 9 (7): 1621. 2020

21. Jessica Gambardella, **Angela Lombardi**, Gaetano Santulli.

METABOLIC FLEXIBILITY OF MITOCHONDRIA PLAYS A KEY ROLE IN BALANCING GLUCOSE AND FATTY ACID METABOLISM IN THE DIABETIC HEART.

Diabetes. 69 (10): 2054-2057. 2020

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22. **Angela Lombardi (corresponding Author)**, Erlinda Concepcion, Hanxi Hou, Hanane Harib, Mihaly Mezei, Roman Osman, and Yaron Tomer.
RETRO-INVERSO D-PEPTIDES AS A NOVEL TARGETED IMMUNOTHERAPY IN TYPE 1 DIABETES.
Journal of Autoimmunity. 115: 102543. 2020
23. Stanislovas Jankauskas, Marco Morelli, Jessica Gambardella, **Angela Lombardi**, Gaetano Santulli.
THYROID HORMONES REGULATE BOTH CARDIOVASCULAR AND RENAL MECHANISMS UNDERLYING HYPERTENSION.
Journal of Clinical Hypertension. 23(2): 373-381. 2021
24. Pasquale Mone, Jessica Gambardella, Fabio Minicucci, **Angela Lombardi**, Ciro Mauro, Gaetano Santulli.
HYPERGLYCEMIA DRIVES STENT RESTENOSIS IN STEMI PATIENTS.
Diabetes Care. 44(11): e192-e193. 2021
25. Stanislovas Jankauskas, Jessica Gambardella, Celestino Sardu, **Angela Lombardi**, Gaetano Santulli.
FUNCTIONAL ROLE OF miR-155 IN THE PATHOGENESIS OF DIABETES MELLITUS AND ITS COMPLICATIONS.
Non-coding RNA. 7(3): 39. 2021
26. Giuseppe Fiorentino, Antonietta Coppola, Raffaele Izzo, Anna Annunziata, **Angela Lombardi**, Mariano Bernardo, Valentina Trimarco, Gaetano Santulli, Bruno Trimarco.
EFFECTS OF ADDING L-ARGININE ORALLY TO STANDARD THERAPY IN PATIENTS WITH COVID-19: A RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED, PARALLEL-GROUP TRIAL. RESULTS OF THE FIRST INTERIM ANALYSIS.
EClinicalMedicine (published by The Lancet). 40: 101125. 2021
27. Stanislovas Jankauskas, Urna Kansakar, Fahimeh Varzideh, Scott Wilson, Pasquale Mone, **Angela Lombardi**, Jessica Gambardella, Gaetano Santulli.
HEART FAILURE IN DIABETES.
Metabolism. 125: 154910. 2021
28. Ayobami Adebayo, Fahimeh Varzideh, Scott Wilson, Jessica Gambardella, Michael Eacobacci, Stanislovas Jankauskas, Kwame Donkor, Urna Kansakar, Valentina Trimarco, Pasquale Mone, **Angela Lombardi**, Gaetano Santulli.
L-ARGININE AND COVID-19: AN UPDATE.
Nutrients. 13(11): 3951. 2021
29. Pasquale Mone, Maria Morgante, Antonella Pansini, Stanislovas Jankauskas, Mario Rizzo, **Angela Lombardi**, Salvatore Frullone, Gaetano Santulli.
EFFECTS OF INSULIN RESISTANCE ON MITOCHONDRIAL (DYS)FUNCTION.
Atherosclerosis. 341:52-54. 2022
30. Pasquale Mone, Urna Kansakar, Fahimeh Varzideh, Eugenio Boccalone, **Angela Lombardi**, Antonella Pansini, Gaetano Santulli.
EPIDEMIOLOGY OF OBSTRUCTIVE SLEEP APNEA: WHAT IS THE CONTRIBUTION OF HYPERTENSION AND ARTERIAL STIFFNESS?
The Journal of Clinical Hypertension. 24(4): 395-397. 2022
31. Pasquale Mone, Jessica Gambardella, **Angela Lombardi**, Antonella Pansini, Stefano De Gennaro, Anna Luisa Leo, Michele Famiglietti, Anna Marro, Maria Morgante, Salvatore Frullone, Antonio De Luca,

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Gaetano Santulli.

CORRELATION OF PHYSICAL AND COGNITIVE IMPAIRMENT IN DIABETIC AND HYPERTENSIVE FRAIL OLDER ADULTS.

Cardiovascular Diabetology. 19;21(1):10. 2022

32. Scott Wilson, Pasquale Mone, Urna Kansakar, Stanislovas Jankauskas, Kwame Donkor, Ayobami Adebayo, Michael Eacobacci, Jessica Gambardella, **Angela Lombardi**, Gaetano Santulli.

DIABETES AND RESTENOSIS.

Cardiovascular Diabetology. 14;21(1):23. 2022

33. Pasquale Mone, Fahimeh Varzideh, Urna Kansakar, Carmine Infante, **Angela Lombardi**, Antonio de Donato, Salvatore Frullone, Gaetano Santulli.

OMEGA-3 FATTY ACIDS COORDINATE GLUCOSE AND LIPID METABOLISM IN DIABETIC PATIENTS.

Lipids in Health and Disease. 25;21(1):31. 2022

34. Antonella Pansini*, **Angela Lombardi*** (*co-First Authorship), Maria Morgante, Salvatore Frullone, Anna Marro, Mario Rizzo, Giuseppe Martinelli, Eugenio Boccalone, Antonio De Luca, Gaetano Santulli, Pasquale Mone.

HYPERGLYCEMIA AND PHYSICAL IMPAIRMENT IN FRAIL HYPERTENSIVE OLDER ADULTS.

Frontiers in Endocrinology. 13:831556. 2022

35. Pasquale Mone, Antonella Pansini, Stanislovas Jankauskas, Fahimeh Varzideh, Urna Kansakar, **Angela Lombardi**, Valentina Trimarco, Salvatore Frullone, Gaetano Santulli.

L-ARGININE IMPROVES COGNITIVE IMPAIRMENT IN HYPERTENSIVE FRAIL OLDER ADULTS.

Frontiers in Cardiovascular Medicine. 9:868521. 2022

36. Fahimeh Varzideh, Urna Kansakar, Kwame Donkor, Scott Wilson, Stanislovas Jankauskas, Pasquale Mone, Xujun Wang, **Angela Lombardi**, Gaetano Santulli.

CARDIAC REMODELING AFTER MYOCARDIAL INFARCTION: FUNCTIONAL CONTRIBUTION OF microRNAs TO INFLAMMATION AND FIBROSIS.

Frontiers in Cardiovascular Medicine. 9:863238. 2022

37. Stanislovas Jankauskas, Jessica Gambardella, Urna Kansakar, Scott Wilson, Marco Morelli, Fahimeh Varzideh, Pasquale Mone, John Ferrara, **Angela Lombardi**, Xujun Wang, Gaetano Santulli.

Book chapter: MicroRNAs AND DIABETES MELLITUS

Published in: MicroRNAs and human diseases. Editor: Junjie Xiao. Publisher: Elsevier. 2022

38. Pasquale Mone, Fahimeh Varzideh, Stanislovas Jankauskas, Antonella Pansini, **Angela Lombardi**, Salvatore Frullone, Gaetano Santulli.

SGLT2 INHIBITION VIA EMPAGLIFOZIN IMPROVES ENDOTHELIAL FUNCTION AND REDUCES MITOCHONDRIAL OXIDATIVE STRESS: INSIGHTS FROM FRAIL HYPERTENSIVE AND DIABETIC PATIENTS.

Hypertension. 79(8):1633-1643. 2022

39. Pasquale Mone, **Angela Lombardi**, Jessica Gambardella, Antonella Pansini, Gaetano Macina, Maria Morgante, Salvatore Frullone, Gaetano Santulli.

EMPAGLIFLOZIN IMPROVES COGNITIVE IMPAIRMENT IN FRAIL OLDER ADULTS WITH TYPE 2 DIABETES AND HEART FAILURE WITH PRESERVED EJECTION FRACTION.

Diabetes Care. 45(5):1247-1251. 2022

40. **Angela Lombardi** (corresponding Author), Shivani Agarwal, Clyde Schechter, Yaron Tomer.

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IN-HOSPITAL HYPERGLYCEMIA IS ASSOCIATED WITH WORSE OUTCOMES IN PATIENTS HOSPITALIZED WITH COVID-19.

Diabetes Care. 45(11):2683-2688. 2022

41. Pasquale Mone, **Angela Lombardi**, Urna Kansakar, Fahimeh Varzideh, Stanislovas Jankauskas, Antonella Pansini, Stefania Marzocco, Stefano De Gennaro, Michele Famiglietti, Gaetano Macina, Salvatore Frullone, Gaetano Santulli.

EMPAGLIFLOZIN IMPROVES THE MicroRNA SIGNATURE OF ENDOTHELIAL DYSFUNCTION IN PATIENTS WITH HEART FAILURE WITH PRESERVED EJECTION FRACTION AND DIABETES.

JPET. 384(1):116-122. 2023. 2023

42. Pasquale Mone, **Angela Lombardi**, Luigi Salemme, Angelo Cioppa, Grigore Popusoi, Fahimeh Varzideh, Antonella Pansini, Stanislovas Jankauskas, Imma Forzano, Roberta Avvisato, Xujun Wang, Tullio Tesorio, Gaetano Santulli.

STRESS HYPERGLYCEMIA DRIVES THE RISK OF HOSPITALIZATION FOR CHEST PAIN IN PATIENTS WITH ISCHEMIA AND NON-OBSTRUCTIVE CORONARY ARTERIES (INOCA).

Diabetes Care. 45(2):450-454. 2023

43. Urna Kansakar, Pasquale Mone, Fahimeh Varzideh, **Angela Lombardi (corresponding Author)**, Gaetano Santulli.

CHOLINE SUPPLEMENTS: AN UPDATE

Frontiers in Endocrinology. 7:14:1148166. 2023

44. Valentina Trimarco, Raffaele Izzo, **Angela Lombardi**, Antonietta Coppola, Giuseppe Fiorentino, Gaetano Santulli.

BENEFICIAL EFFECTS OF L-ARGININE IN PATIENTS HOSPITALIZED FOR COVID-19: NEW INSIGHTS FROM A RANDOMIZED CLINICAL TRIAL

Pharmacological Research. 191:106702. 2023

45. Jessica Gambardella, Stanislovas Jankauskas, Urna Kansakar, Fahimeh Varzideh, Roberta Avvisato, Nella Prevete, Simone Sidoli, Pasquale Mone, Xujun Wang, **Angela Lombardi**, Gaetano Santulli.

KETONE BODIES RESCUE MITOCHONDRIAL DYSFUNCTION VIA EPIGENETIC REMODELING

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46. Gaetano Santulli, Fahimeh Varzideh, Imma Forzano, Scott Wilson, Luigi Salemme, Antonio de Donato, **Angela Lombardi**, Antonio Rainone, Luigi Nunziata, Stanislovas Jankauskas, Tullio Tesorio, Germano Guerra, Urna Kansakar, Pasquale Mone.

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