

CURRICULUM VITAE BARBIERI MICHELANGELO

PERSONAL INFORMATION

Birthdate: Born in Naples, 20 October 1973.

Nationality: Italian

Civil status: Married with two children

Private Address: Via V. Cuoco 15 – NAPLES (Italy) ;

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POSITION

Full Professor in Internal Medicine-SSD MED/09 - Department of Advanced Medical and Surgical Science, University of Campania “Luigi Vanvitelli”, Italy, Naples – Italy

Medical executive – Division of Geriatrics and Internal Medicine (MED 09) – AOU University of Campania “Luigi Vanvitelli”, Italy, Naples – Italy

WORK EXPERIENCE

- 2006-2012 **Postdoctoral Contract Researcher** at the Department of Surgical Medical Sciences, Neurological, Metabolic and Aging, Second University of Naples, Italy
- 05/11/2011–27/06/2013 **Geriatric specialist** VI Division of Internal Medicine –AOU SUN
- 28/06/2013–27/06/2016. **Assistant Professor in Internal Medicine-SSD MED/09**- Lex 240/2010- Type A. Department of Surgical Medical Sciences, Neurological, Metabolic and Aging, University of Campania “Luigi Vanvitelli”, Italy, Naples – Italy
- 01/11/2016 to 31/10/2019 **Assistant Professor in Internal Medicine-SSD MED/09** - Lex 240/2010- TypeB. Department of Advanced Medical and Surgical Science, University of Campania “Luigi Vanvitelli”, Italy, Naples – Italy
- 01/11/2019 to 30/11/2020 **Associate Professor in Internal Medicine-SSD MED/09** - Department of Advanced Medical and Surgical Science, University of Campania “Luigi Vanvitelli”, Italy, Naples – Italy
- 01/12/2020 to present: **Full Professor in Internal Medicine-SSD MED/09** - Department of Advanced Medical and Surgical Science, University of Campania “Luigi Vanvitelli”, Italy, Naples – Italy

EDUCATION

1. July 1998: **Degree in Medicine and Surgery**, Second University of Naples, Italy
2. 2001: **Research Fellow** - Department of Experimental Medicine (Prof. Claudio Franceschi) at University of Bologna – acquiring specific experimental techniques for the acquisition and the evaluation of genetic, clinical, epidemiological, and demographic data and performing studies on gene polymorphism involved in insulin/IGF1 signaling
3. October 2002: **Specialist in Geriatric Medicine** (Second University of Naples).
4. January 2006: **Ph.D. in Geriatric Physiopathology** (XVIII Cycle) (Second University of Naples).

ACADEMIC QUALIFICATIONS

- 28/06/2013–27/06/2016. **Assistant Professor in Internal Medicine-SSD MED/09** - Lex 240/2010- Type A. Department of Surgical Medical Sciences, Neurological, Metabolic and Aging, University of Campania “Luigi Vanvitelli”, Italy, Naples – Italy
- **National Scientific Qualification** (art.16 of the law 30 December 2010, n.240) to function as Associate Professor SSD MED/09 in Italian Universities
- 01/11/2016 to 31/10/2019 **Assistant Professor in Internal Medicine-SSD MED/09** - Lex 240/2010- TypeB. Department of Advanced Medical and Surgical Science, University of Campania “Luigi Vanvitelli”, Italy, Naples – Italy
- **National Scientific Qualification** (art.16 of the law 30 December 2010, n.240) to function as Full Professor SSD MED/09 in Italian Universities
- 01/11/2019 to 30/11/2020 **Associate Professor in Internal Medicine-SSD MED/09** - Department of Advanced Medical and Surgical Science, University of Campania “Luigi Vanvitelli”, Italy, Naples – Italy
- 01/12/2020 to present: **Full Professor in Internal Medicine-SSD MED/09** - Department of Advanced Medical and Surgical Science, University of Campania “Luigi Vanvitelli”, Italy, Naples – Italy

INSTITUTIONAL POSITION

- Vice President of English Degrees in Medicine and Surgery at the University of Campania “Luigi Vanvitelli”, Italy, Naples – Italy

- Member of the Technical-Pedagogical Commission (CTP) of English Degrees in Medicine and Surgery at University of Campania “Luigi Vanvitelli”, Italy, Naples – Italy
- Member of the Commission for the relationship with the FNOMCEO and organizations of English Degrees in Medicine and Surgery at the University of Campania “Luigi Vanvitelli”, Italy, Naples – Italy

RESEARCH ACTIVITY

Research topic

- Since 1996 she's been attending the Department of Medical, Surgical, Neurological, Metabolic and Aging Sciences, the Second University of Naples Since 1996 she has focused her research interest on the peculiar aspects of the aging processes, including the relationships among aging, glucose metabolism, and cardiovascular diseases. Furthermore, in the last ten years, she has also made several investigations for addressing some genetic aspect of human longevity addressing the role of gene polymorphism involved in insulin/IGF1 signaling, inflammation, and oxidative stress. In 2001 she attended the Department of Experimental Medicine (Prof. Claudio Franceschi) at the University of Bologna – acquiring specific experimental techniques for the acquisition and the evaluation of genetic, clinical, epidemiological, and demographic data. In 2001 she also collaborated with the National Institute on Aging, Intramural Research Program Gerontology Research Center, Baltimore, Maryland-USA (Prof. Luigi Ferrucci) to the elaboration of epidemiological data of the InCHIANTI Study. During this period she was especially dedicated to the study of metabolic alterations that underlie the progressive functional decline in the elderly. Since 2006 he has scientific collaborations (including related publications that are authentic) with the Center of Human Development and Aging, University of Medicine and Dentistry of New Jersey, Newark, NJ, United States (Dir. Abraham Aviv). She has taken part in several ministerial (MIUR, PRIN, FIRB) and FP7 research programs and the organization of conventions and training courses.

Main Research Topics

1. study of the molecular and metabolic aspects of aging and longevity including the relationships between aging, glucose metabolism, and cardiovascular diseases;
2. study of the role of lifestyle in preventing fragility;
3. definition of the cardiometabolic risk in the elderly patient;
4. study of glycemic variability and its relation to the development of diabetic cardiovascular complications in adults and the elderly;
5. study of the relationship between glycemic variability and cognitive and functional decline;
6. study of the role of the different genetic polymorphisms in metabolic diseases linked to aging and determinism of longevity
7. Study of epigenetic modifications (methylation, miRNA, etc, histone modifications) associated with the main aging-related diseases.
8. study of telomeres and their impact on longevity

- **BIBLIOMETRIC INDEXES (1998 – 2022):**

- H index (Scopus): 49
- PubMed publications con IF: 142
- Citations (Scopus): 6936
- Total Impact Factor: >700
- Impact factor medio = 5.7
- Contributi in volume: 6

- **Research ID**

- ORCID ID orcid.org/0000-0002-9223-5792
- Scopus Author ID: 55424560900
- ResearcherID: K-2192-2016

ATTENDANCE OF OTHER UNIVERSITY INSTITUTES

UNIVERSITY OF BOLOGNA – DEPARTMENT OD EXPERIMENTAL MEDICINE (Prof. Franceschi Claudio)

In 2002 and 2003, she did research activities at the Department of Experimental Medicine, the University of Bologna with Prof. Franceschi Claudio, to learn techniques of molecular biology (transfections, DNA sequencing, the study of polymorphisms). During this period, she focused on the study of genetic polymorphisms involved in the regulation of the insulin and IGF-1 signaling pathway. Moreover, she studied inflammation role, oxidative stress, and polymorphisms in PPARG, PON, and IL-6 in aging.

INTERNATIONAL COLLABORATIONS

- a. **2003-2005** National Institute of Health – National Institute of Aging – Bethesda (USA) (Prof. L. Ferrucci) for the study of the metabolic alterations involved in functional impairment in elderly patients in the epidemiological study Inchianti
- b. **2007-2017** The Center of Human Development and Aging, the University of New Jersey (Prof A. Aviv, Prof. M. Kimura for the study of the relationship between aging and telomeres
- c. **2010-** Howard Hughes Medical Institute – Division of Endocrinology – Children's Hospital Boston, Harvard Medical School – Boston – USA (Prof M.F. White) for the study of the role of genetic polymorphisms involved in longevity
- d. **2013-2019** Servicio de Geriatría, Hospital Universitario de Getafe, Madrid, Spain (Prof. R. Manas) and the Foundation for Diabetes Research in Older People, Diabetes Frail Ltd, Luton, UK (Prof A.J. Sinclair) within the MID-Frail STUDY. Randomized clinical study to evaluate the efficacy in terms of frailty and life quality of a multimodal intervention in frail and pre-frail elderly subjects with type 2 diabetes

- e. **2020**- Department of Clinical Sciences, Epigenetics and Diabetes Unit, Lund University Diabetes Centre, Scania University Hospital, Malmö, Sweden (Prof C. Ling) for the study of the global methylation of endothelial progenitor cells to identify a correlation between the epigenetic profile and diabetes vascular complications.

SCIENTIFIC RESPONSIBILITY FOR INTERNATIONAL AND NATIONAL RESEARCH PROJECTS

1. **2019 - Valere 2019.** Project: ADIPCARE Targeting ADIPose tissue metabolic dysfunction for preventing Colorectal CAncer progResion and cachExia".
Finding: **Euro 450.000**
2. **2020- PON I&C 2014-2020, "Fondo per la Crescita Sostenibile - Sportello "Agrifood",** di cui al D.M. 5 marzo 2018 Capo III. Prog. n. F/200040/01-02/X45: Project: EPICARE: EPIGENETIC IMPACT OF COLORECTAL CANCER CARE.
Finding: **Euro 427.574,06**
3. **2020-EUROPEAN COOPERATION IN SCIENCE AND TECHNOLOGY (COST) EU RTD framework program, Horizon 2020** - CA19127 - Cognitive decline in Nephro-Neurology: European Cooperative Target.
- 4.
5. **2021- Bando PRIN MIUR 2020**-Cognitive dysfunction in dysmetabolic obesity and diabetes: role of inter-organ crosstalk and cellular ageing. Contributo MUR assegnato all'unità di ricerca **135.725 Euro**

PROJECTS

M. Barbieri has taken part in several national and international research programs:

1. Funding for **PRIN projects from the MIUR (Italian Ministry for University and Research)** (with international blind reviewers).
2. Genetic factors involved in aging and human longevity. National Coordinator: Prof C. Franceschi (University of Bologna)
3. 2001 - Funding for **FIRB project, from the MIUR** (Italian Ministry for University and Research), (with international blind reviewers). Identification of nucleus-mitochondrial genomic profiles in the pathogenesis of common age-associated diseases. Diagnostic and therapeutic implications. National Coordinator: Prof C. Franceschi (University of Bologna)
4. 2003 – Funding for **PRIN projects from the MIUR (Italian Ministry for University and Research)** (with international blind reviewers). Human longevity and genes involved in the insulin signaling pathway, and IGF-1. National Coordinator: Prof C. Franceschi (University of Bologna)

5. 2000 - Funding from the **Italian Ministry for Health** (with international blind reviewers). Genetic and metabolic markers of successfully aging: the model of centenarians. National Coordinator: Prof C. Franceschi (University of Bologna)
6. 2002 Funding from the **Italian Ministry for Health** (with international blind reviewers). Multicenter study of genetic and non-genetic determinants of health in old age National Coordinator: Prof C. Franceschi (University of Bologna)
7. 2006,2008, 2010 - Funding from the **Pharmacovigilance and Pharmaceutical Sector and Campania Region** (Topics: Diabetes, Stroke, Hypertension)
8. 2011 - Funding from the **Italian Ministry for Health - National Center for Disease Prevention and Control (CCM)** 2011 "PROMOTION OF LIVING STYLES FOR PREVENTING DISABILITY IN ELDERLY"
9. 2011 - **FP7 EP7-HEALTH-2011** -two-stage-SP1: Project n 278803 "A randomized trial to evaluate the effectiveness of a multi-modal intervention in older people with type 2 diabetes on frailty and quality of life: the mid-frail study"
10. 2012 Funding for **PRIN project, from the MIUR** (Italian Ministry for University and Research) - Genes, environment, and metabolism: predictors, modulator, and markers of aging and vascular cardiometabolic risk. National Coordinator: Massimo Federici
11. 2015 (Call 2014) **Funding from the Campania Region.** Implementation Of Accreditation Procedure And Correct Use Of Hospital And Territorial Services Of Elderly Patient of Campania Region
12. 2016 **Funding from the Italian Ministry for Health.** Network Project. GERIATRIC OUTCOMES AMONG OLDER TYPE 2 DIABETIC PATIENTS TREATED WITH DPP4-INHIBITORS OR GLINIDES (GOOD)
13. 2017 - Pharmacovigilance project (AIFA) 21.03.2016 (funding: 2010-2011)
"POLYPHARMACOTHERAPY IN THE ELDERLY PATIENT WITH COMORBIDITY: HOW TO OPTIMIZE THERAPY AND PREVENT DRUGS ADVERSE REACTIONS"
14. 2017 - Pharmacovigilance project (AIFA) 21.03.2016 (funding: 2010-2011)
"RISK OF INTERACTIONS AMONG DRUGS AND BETWEEN DRUGS AND PATHOLOGY IN THE TREATMENT OF DIABETES IN THE ELDERLY PATIENT"
15. 2017 (call 2015) **Funding for PRIN project, from the MIUR** (Italian Ministry for University and Research) -MOLECULAR, TRANSLATIONAL AND CLINICAL ASPECTS OF AGE-RELATED METABOLIC DISEASES. National Coordinator: Giuseppe Paolisso
16. 2018 POR CAMPANIA FESR 2014/2020 – ASSE 1 – OO.SS. 1.2.2/1.1.2 Project: Identification, characterization, and significance of colorectal tumorigenesis: cause, prevention, and treatment - "iCURE" CUP B21C17000030007
17. 2018 Industrial Research and Experimental Development Projects PNR 2015-2020-Title of the project: "Innovative Device for Shaping the risk of Diabetes – IDF SHARID" Lead Partner: Campania Bioscience Technological District. Industrial Research and Experimental Development Projects in the 12 Specialization Areas identified by the 2015-2020 NRP ".

18. 2018 PO FESR 2014-2020 – Specific goal 1.1 - OnCARE - Oncology Care Management.
19. 2019- Scientific Research Program of Relevant National Interest (PRIN 2017). Title of project: “The Incretin Hormones and their analogs as physiological and pharmacological regulators of a complex multi-organ network”– Scientific Coordinator: Prof Agostino Consoli (University of Study G. d’Annunzio, CHIETI -PESCARA;

POSITIONS WITHIN SCIENTIFIC SOCIETIES AND OTHER PUBLIC ENTITIES

1. Members of the Italian Society of Gerontology and Geriatrics (SIGG)
2. Member of the “Campania Sud” Ethics Committee”
3. Member of the Executive Committee of SIGG Campania Section (2018-2020)

MEMBERSHIPS:

1. **In Focus Editor** of the International JOURNAL OF BIOCHEMISTRY AND CELL BIOLOGY (BC) ISSN: 1357-2725; IF JCR 2016=3.505

EDITORIAL BOARD:

Dr. Barbieri is a member of the editorial board of

- Acta Diabetologica(ISSN:0940-5429 (Print) 1432-5233 (Online); IF JCR 2016= 3.340
- International Journal of Molecular Sciences ISSN 1422-0067; CODEN: IJMCFK; ISSN 1661-6596 for printed edition Impact Factor: 4.183
- Journal of Diabetes Research ISSN: 2314-6753 (Online); IF= 2.29
- Journal of Ageing & Age-Related Diseases
- International Journal of Aging & Clinical Research
- Journal of Clinical and Laboratory Investigation Updates
- Journal of Gerontology and Geriatrics

PEER-REVIEW ACTIVITY:

Dr. Barbieri serves as a reviewer for the following journals:

- Plos Medicine IF= 10.500
- Cardiovascular Diabetology, IF= 7.332
- Clinical Epigenetics; IF= 5.028
- Journals Of Gerontology Series A-Biol and Medical Sciences IF= 5.236
- JAMDA IF= 4.367
- Experimental Diabetes Research; IF = 4.325
- Diabetes Research And Clinical Practice; IF= 4.234
- Atherosclerosis; IF=3.919
- Acta Diabetologica; IF=3.418

- Journal Of Diabetes Research; IF= 2.965
- Plos One; IF=2.740
- Molecular Genetics And Genomics IF= 2.797
- BMC Endocrine Disorders; IF =1.994

DIDACTICS

- (2017 to present) - **Professor of Internal Medicine and Geriatrics at English Degrees in Medicine & Surgery** at the University of Campania “Luigi Vanvitelli”, Italy, Naples – Italy
- (2014-2016) **Professor of Internal Medicine and Geriatrics at Degree in Nurse sciences** at the University of Campania “Luigi Vanvitelli”, Italy, Naples – Italy
- (2016 to present) **Professor of Emergencies for Medical doctors at Degrees in Medicine & Surgery** at the University of Campania “Luigi Vanvitelli”, Italy, Naples – Italy
- (2013 to present) **School of Specialization in Geriatric**, at University of Campania “Luigi Vanvitelli”, Italy, Naples – Italy
- (2016 to present) **School of Specialization in Emergencies for Medical doctors**, at the University of Campania “Luigi Vanvitelli”, Italy, Naples – Italy
- (2017 to present) **School of Specialization in Diseases of the Digestive System** at University of Campania “Luigi Vanvitelli”, Italy, Naples - Italy
- (2017-2018) **member of the Collegium** of the Ph.D. “Medical, Clinical, and Experimental Sciences. University of Campania “Luigi Vanvitelli”, Italy, Naples – Italy
- (2018 -) M. Barbieri is a member of the **Collegium of the Ph.D. “Translational medicine”** University of Campania “Luigi Vanvitelli”, Italy, Naples – Italy

DIDACTICS in Ph.D. course

1. **Member of the Collegium of the Ph.D. “Medical, Clinical and Experimental Sciences.** University of Campania “Luigi Vanvitelli”, Italy, Naples – Italy. (Coordinator: Prof Giovambattista Capasso) Academic year: 2017/18 – XXXIII cycle
2. **Member of the Collegium of the PhD “Translational medicine” (XXXIV cycle)** University of Campania “Luigi Vanvitelli”, Italy, Naples – Italy (Coordinator:Prof Dario Giugliano) Academic year: 2018/19 – 2019/2020 -2020/2021

ORGANIZATION AND SCIENTIFIC RESPONSIBILITY OF ECM TRAINING EVENTS ECM

1. ID ECM 93-299091 " RISK OF INTERACTIONS BETWEEN DRUGS AND DRUGS AND PATHOLOGY IN THE TREATMENT HEART FAILURE IN THE ELDERLY PATIENT "
 - a. **ECM assigned: 40.5**
2. ID ECM: 93-299083 "POLYPHARMACOTHERAPY IN THE ELDERLY PATIENT WITH COMORBIDITY: HOW TO OPTIMIZE THERAPY AND PREVENT DRUGS ADVERSE REACTIONS"
 - a. **ECM assigned: 40.5**
3. ID ECM 93-299087 "RISK OF INTERACTIONS AMONG DRUGS AND BETWEEN DRUGS AND PATHOLOGY IN THE TREATMENT OF DIABETES IN THE ELDERLY PATIENT"
 - a. **ECM assigned: 40.5**

HONOURS AND AWARDS

1. **Award for best Communication for Scientific Contribution:** Blood Pressure and IGF-1 Plasma Levels in Healthy Centenarians. Presented at the 43rd SIGG Congress, Florence, 12/15 Nov 1998
2. **Award for Best Communication for Scientific Contribution:** Role of PPAR γ Gene Polymorphism in Longevity. Presented at the 49 SIGG Congress, Florence, 7 Nov 2004
3. **Highly Cited Research in Atherosclerosis Journal in recognition of the contribution to the quality of the journal made by:** Decreased carotid atherosclerotic process by control of daily acute glucose fluctuations in diabetic patients treated by DPP-IV inhibitors* *paper published in 2013 and cited in 2014/2015 up until June 2016 according to data from Scopus

PATIENTS HEALTH CARE ACTIVITY

M. Barbieri served as a specialist in Geriatrics at the IV Division of Internal Medicine (Director Prof. Michele Varricchio) from 1999 to 2002 and then until 2013 she attended the VI Division of Internal Medicine and Nutrition and Aging diseases, acquiring special skills in the diagnosis and therapy of elderly patients affected by major age related diseases (diabetes, dementia, cardiovascular disease). During these years it has devoted particular attention to the evaluation of the metabolic-nutritional status of diabetic and obese patients, gaining experience and manuality in the execution metabolic diagnostic tests such as indirect calorimetry and the 24-hour continuous glucose monitoring (CGM) useful for assessing energy expenditure and glycemic control of diabetic patients. In addition, in recent years, he has collaborated for psychometric evaluation of hospitalized patients through the administration of questionnaires and tools (Mini Mental State Examination, ADL, IADL, CIRS-G, GDS, Trail Making Test A and B, Rey Memory Test) for exploring the cognitive and functional performance and the presence of comorbidities in elderly patients. She is currently working as a medical manager at the IV Division of Internal Medicine (Prof. Giuseppe Paolisso), AOU SUN, University of Campania, Luigi Vanvitelli, collaborating in the diagnosis and therapy of elderly patients affected major age-related diseases.

TRAINING EVENTS PRESENTATION

As part of the continuing Educational Program in Medicine, she has participated as rapporteur / lecturer at the following training events:

1. 26/10/2006 "Hypertension In Elderly: Which Indications For Proper Use Of The Drug" (ECM Reference: 8109 - 251532) Second University of Naples. Title of the report: "METABOLIC ALTERATIONS DETERMINING HYPERTENSION IN THE ELDERLY "
2. 15/03/2007: Cerebrovascular Risk Factors and Their Impact on Pharmaceutical Expenditure. (Reference ECM: 8109 - 267884), Crowne Plaza, Viale Delle Industrie 81100, Caserta. Title of the report: "STROKE RISK IN METABOLIC DISEASES"
3. 14/06/2007 Therapeutic appropriateness In Type II Diabetes (ECM Reference: 8109 - 282845) Hotel Mediterraneo Via Nuova Ponte Di Tappia n ° 25, 80133 Naples. Title of the report: The secretagogues
4. 26/10/2010 Second Edition Hypertension In Elderly: Which Indications For Proper Use Of The Medication ". Second University of Naples - Via S. M. Costantinopoli 104.
5. 09/09/2010: Second Edition The Cerebrovascular Risk Factors and Their Impact on Pharmaceutical Expenditure. (ECM reference 8109 - 10024306). Palazzo Caracciolo, via Carbonara 112, Naples
6. 22/11/2012. 57th National Congress SIGG Milan, 21-24 November 2012. Title of the report: Insulin signal: aging and longevity.
7. 28-30 March 2015 XIII° HIGHER TRAINING COURSE ON TYPE 1 AND TYPE 2 MELLITUS DIABETES THERAPY, Perugia. Title of the report: "*Glycemic goals and drugs in the diabetic elderly*" -
8. 28/29 September 2015. Personalized medicine: from gene to gender" – AOU "San Giovanni di Dio e Ruggi d'Aragona Salerno / Baronissi, 2015. Title of the report: *Longevity and lifestyles: is it just a gender problem?*
9. Course FAD year 2016 – IDENTIFICATION OF NEW CEREBROVASCULAR RISK FACTORS: THERAPEUTIC ASPECTS AND IMPACT ON PHARMACEUTICAL COST -Title of the report: "*Role of statins in cerebrovascular disease*"
10. Corso FAD year 2016 – HYPERTENSION IN THE ELDERLY: WHAT INDICATIONS FOR CORRECT USE OF THE DRUG. Title of the report "*Hypertension and organ damage in the elderly*".
11. Course FAD year 2016 – APPROPRIATENESS THERAPEUTIC IN TYPE 2 DIABETES IN GERIATRIC AGE. Title of the report: "*Guidelines in the therapeutic management of the elderly diabetic patient*".
12. 29 /11/ 2017 62nd National Congress SIGG, Naples, Title of the report "Diabetic Heart in the Elderly Patient".
13. Riccione, 8 – 13 marzo 2019 PANORAMA DIABETE, FORUM MULTIDISCIPLINARE E MULTIDIMENSIONALE. Società Italiana di Diabetologia. Relazione dal titolo "*CONTROVERSIE NELLE LINEE GUIDA: Quali evidenze per obiettivi meno ambiziosi?*"
14. Corso FAD accreditato ECM anno 2019 "*RISCHIO DI INTERAZIONI TRA FARMACI E TRA FARMACO E PATOLOGIA NEL TRATTAMENTO DEL DIABETE NEL PAZIENTE ANZIANO*". Relazione dal titolo: *Reazioni avverse da farmaci antidiabetici nel paziente anziano*.
15. 65° Virtual National Congress SIGG / 2-4 dicembre 2020. Title: IL PAZIENTE DIABETICO ANZIANO NELL'EPIDEMIA DA COVID-19:Aspetti molecolari antinfiammatori della terapia

antidiabetica

16. Riccione, 247-30 Novembre 2021 PANORAMA DIABETE, FORUM MULTIDISCIPLINARE E MULTIDIMENSIONALE. Società Italiana di Diabetologia. Relazione dal titolo: MECCANISMI COMUNI TRA DIABETE E DECLINO COGNITIVO

Mother tongue(s) Italian

Another language (s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	C2	B2	B2	C2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user

COMPUTER SKILLS

Good command of Microsoft Windows /Mac Os, Office™ Excel tools. Statistical Software

PUBLICATIONS

1. Paolisso G, Tagliamonte MR, Rizzo MR, Rotondi M, Gualdiero P, Gambardella A, **Barbieri M**, Carella C, Giugliano D, Varricchio M. Mean arterial blood pressure and serum levels of the molar ratio of insulin-like growth factor-1 to its binding protein-3 in healthy centenarians. J HYPERTENS. 1999 Jan;17(1):67-73.
2. Paolisso G, Manzella D, **Barbieri M**, Rizzo MR, Gambardella A, Varricchio M. Baseline heart rate variability in healthy centenarians: differences compared with aged subjects (>75 years old). CLIN SCI (Lond). 1999 Nov;97(5):579-84.
3. Paolisso G, Esposito R, D'Alessio MA, **Barbieri M**. Primary and secondary prevention of atherosclerosis: is there a role for antioxidants? DIABETES METAB. 1999 Sep;25(4):298-306. Review.
4. Paolisso G, Tagliamonte MR, Rizzo MR, Carella C, Gambardella A, **Barbieri M**, Varricchio M. Low plasma insulin-like growth factor-1 concentrations predict worsening of insulin-mediated glucose uptake in older people. J AM GERIATR SOC. 1999 Nov;47(11):1312-8.
5. Paolisso G, Tagliamonte MR, **Barbieri M**, Zito GA, Gambardella A, Varricchio G, Ragno E, Varricchio M. Chronic vitamin E administration improves brachial reactivity and increases intracellular magnesium concentration in type II diabetic patients. J CLIN ENDOCRINOL METAB. 2000 Jan;85(1):109-15.

6. Paolisso G, Manzella D, Rizzo MR, **Barbieri M**, Varricchio G, Gambardella A, Varricchio M. Effects of insulin on the cardiac autonomic nervous system in insulin-resistant states. CLIN SCI (LOND). 2000 Feb;98(2):129-36.
7. **Barbieri M**, Barbagallo M, Petrella G, Ragno E, Carbonella M, Palmieri F, Paolisso G, Varricchio M. The predictive role of insulin-like growth factor-I on insulin-mediated glucose uptake in the elderly. J ENDOCRINOL INVEST. 1999;22(10 Suppl):53-4
8. Paolisso G, Manzella D, Rizzo MR, **Barbieri M**, Gambardella A, Varricchio M. Effects of glucose ingestion on cardiac autonomic nervous system in healthy centenarians: differences with aged subjects. EUR J CLIN INVEST. 2000 Apr;30(4):277-84.
9. Paolisso G, Barbagallo M, Petrella G, Ragno E, **Barbieri M**, Giordano M, Varricchio M. Effects of simvastatin and atorvastatin administration on insulin resistance and respiratory quotient in aged dyslipidemic non-insulin dependent diabetic patients. ATHEROSCLEROSIS. 2000 May;150(1):121-7.
10. Paolisso G, Manzella D, Rizzo MR, Ragno E, **Barbieri M**, Varricchio G, Varricchio M. Elevated plasma fatty acid concentrations stimulate the cardiac autonomic nervous system in healthy subjects. AM J CLIN NUTR. 2000 Sep;72(3):723-30.
11. Paolisso G, **Barbieri M**, Bonafe M, Franceschi C. Metabolic age modelling: the lesson from centenarians. EUR J CLIN INVEST. 2000 Oct;30(10):888-94. **Review**.
12. Paolisso G, Manzella D, Tagliamonte MR, **Barbieri M**, Marfella R, Zito G, Bonafe M, Giugliano D, Franceschi C, Varricchio M. The BB-paraoxonase genotype is associated with impaired brachial reactivity after acute hypertriglyceridemia in healthy subjects. J CLIN ENDOCRINOL METAB. 2001 Mar;86(3):1078-82.
13. **Barbieri M**, Rizzo MR, Manzella D, Paolisso G. Age-related insulin resistance: is it an obligatory finding? The lesson from healthy centenarians. DIABETES METAB RES REV. 2001 Jan-Feb;17(1):19-26. **Review**.
14. Manzella D, **Barbieri M**, Ragno E, Paolisso G. Chronic administration of pharmacologic doses of vitamin E improves the cardiac autonomic nervous system in patients with type 2 diabetes. AM J CLIN NUTR. 2001 Jun;73(6):1052-7.
15. Paolisso G, **Barbieri M**, Rizzo MR, Manzella D. Should we recommend the therapeutical use of vitamin E in diabetic patients? ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY, 10, 159-165, 2001
16. Manzella D, **Barbieri M**, Rizzo MR, Ragno E, Passariello N, Gambardella A, Marfella R, Giugliano D, Paolisso G. Role of free fatty acids on cardiac autonomic nervous system in non insulin-dependent diabetic patients: effects of metabolic control. J CLIN ENDOCRINOL METAB. 2001 Jun;86(6):2769-74.

17. Paolisso G, **Barbieri M.** Response to "Serum insulin-like growth factor-1 (IGF-1) in centenarians:implications of IGF-1 as a turnover protein".J GERONTOL A BIOL SCI MED SCI. 2001 Oct;56(10):M662-3.
18. Galderisi M, Vitale G, Lupoli G, **Barbieri M**, Varricchio G, Carella C, de Divitiis O, Paolisso G. Inverse association between free insulin-like growth factor-1 and isovolumic relaxation in arterial systemic hypertension. HYPERTENSION. 2001 Oct;38(4):840-5
19. **Barbieri M**, Paolisso G. Response to "Diabetes in elderly adults". J GERONTOL A BIOL SCI MED SCI. 2001 Nov;56(11):M736-7.
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VASO VAGALE NEI PZ IN ETÀ GERIATRICA CON DMT2 VS PAZIENTI IN ETÀ ADULTA CON DMT2:
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51. V. Cataldo, E. Boccalone, **M. Barbieri**, M. R. Rizzo, L. RodriguezMañas , A. J. Sinclair , G. Paolisso EFFICACIA DI UN TRATTAMENTO MULTIMODALE NEGLI ANZIANI CON DMT2 E DECLINO FUNZIONALE 164° Congresso Nazionale *SIGG Roma 2019*
52. M. F. Muscio, A. M. Dalise, C. Catalano, R. Prestano, I. Fava, **M. Barbieri**, C. Loguercio, G. Paolisso, M. R. Rizzo CIRROSI E FRAGILITÀ IN PAZIENTI ANZIANI: UN RISULTATO PARADOSSO 64° Congresso Nazionale SIGGRoma 2019

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