PERSONAL INFORMATION

Giovanni Cuda

University Magna Graecia
Department of Experimental and Clinical Medicine
Viale Europa, 88100 Catanzaro (Italy)

+39 09613694225 +39 3316718313

cuda@unicz.it

http://dmsc.unicz.it/personale/docente/giovannicuda

Sex Male | *Date of birth* 14/01/1962 | *Nationality* Italian

Enterprise	University	EPR
☐ Management Level	☒ Full professor	☐ Research Director and 1st level Technologist / First Researcher and 2nd level Technologist / Principal Investigator
☐ Mid-Management Level	☐ Associate Professor	☐ Level III Researcher and Technologist
☐ Employee / worker level	☐ Researcher and Technologist of IV, V, VI and VII level / Technical collaborator	☐ Researcher and Technologist of IV, V, VI and VII level / Technical collaborator

WORK EXPERIENCE

2021 **Member of the experts committee, Biotechnology Section, National Research Plan 2021-2027**
Ministry of University and Research
Drafting of the National Research Plan 2021-2027, Biotechnology Section, for the Ministry of University and Research

2021 - present **Scientific Director, Research Infrustructure Biomedpark@UMG 2.0**
University Magna Graecia, Catanzaro (Italy)
Coordination of Biomedpark@UMGPhD, Research Infrastructure of Regional value

2021 – present **Chair, Doctorate School in Life Science and Technologies**
University Magna Graecia, Catanzaro (Italy)
Coordination of the PhD Programmes in Life Sciences of the University

2018 – present **Chair, PhD Programme in Molecular and Translational Oncology and Innovative Medical-Surgical Technologies**
University Magna Graecia, Catanzaro (Italy)
Coordination of the Ph.D, Programme

2018 – present **Secretary and Treasurer, Italia Society of Biophysics and Molecular Biology**
Italian Society of Biophyscs and Molecular Biology
Member of the Board of Directors, Secretay and Treasurer

2015 – present **Director**
Research Centre for Advanced Biochemistry and Molecular Biology, University Magna Graecia, Catanzaro
Coordination of research activity of members of the Centre

2011 – present **President, Biotecnomed S.c.a.r.l.**
President and CEO of Biotecnomed S.c.a.r.l., managing body of the Innovation Hub in Life Science and Technologies, Calabria Region

2010 – present **Full Professor of Molecular Biology**
University Magna Graecia, Catanzaro (Italy)

2002 – 2010 **Associate Professor of Molecular Biology**
University Magna Graecia, Catanzaro (Italy)

2000 – 2002 **Assistant Professor of Biochemistry**
University Magna Graecia, Catanzaro (Italy)

2011 – present **Deputy-Director, Clinical Biochemistry and Molecular Biology**
Azienda Ospedaliero-Universitaria "Mater Domini", Catanzaro (Italy)

EUCATION AND TRAINING

1990 - 1996 **Fogarty Fellow**
Laboratory of Molecular Cardiology, National Heart, Lung and Blood Institute, National Institutes of Health, Bethesda, MD (USA)

1992 **Specialty in Internal Medicine with honours (magna cum laude)**
University of Reggio Calabria, Medical School at Catanzaro (Italy)

1987 – 1992 **Residency in Internal Medicine**
University of Reggio Calabria, Medical School at Catanzaro (Italy)

1980 – 1986 **Medical Degree with honours (magna cum laude)**
University of Reggio Calabria, Medical School at Catanzaro (Italy)

WORK ACTIVITES

Awards

Fellowship from Fogarty International Center, NIH, USA (1990-1995)
Fellowship from Italian Ministry of Research and University (1987-1992)
La Città del Sole" Award from Rotary Club (2009)

Editorial activity

- Member of the Editorial Board of: Proteomes, International Journal of Molecular Sciences, Journal of Cellular and Molecular Medicine, Cells
- Reviewer for: EMBO J, Journal of Biological Chemistry. Stem Cell Research and Therapy, Proteomes, International Journal of Molecular Sciences, Journal of Cellular and Molecular Medicine, Cells

Invited presentations

SIBBM Seminars (2016, 2017, 2018, 2019)
IEEE Symposium on Computer-Based Medical Systems, Salt Lake City, Utah, USA (2005)
University of Ulm (Germany) – Host_ Prof. Bernhard Brenner

Grants

2021: Calabria FESR 2014-2020 - Azione 1.5.1: Sostegno alle Infrastrutture della Ricerca considerate critiche/cruciali per i Sistemi Regionali - Progetto Biomedpark@UMG 2.0 (Scientific Director)
2018: MIUR – PRIN 2017CH4RNP: Advanced proteomic approaches to identify and characterize Lin28 molecular complexes regulating mRNA recognition and translation in embryonic stem cells (National Coordinator and Principal Investigator)
2017: POR Calabria FESR-FSE 2014-2020 - Asse I - Promozione della Ricerca e dell'Innovazione - Obiettivo specifico 1.2 "Rafforzamento del sistema innovativo regionale e nazionale" - Azione 1.2.2 "Supporto alla realizzazione di progetti complessi di attività di ricerca e sviluppo su poche aree tematiche di rilievo e all'applicazione di soluzioni tecnologiche funzionali alla realizzazione delle strategie di S3" - Progetto STAR (Scientific Director)
2016: PON Ricerca e Competitività – Smart Cities and Communities and Social Innovation – Avviso DD n°84/Ric del 02/03/2012 – Progetto PON04a2_C dal titolo: Cluster OSDH-SMART FSE-STAY WELL SMART HEALTH) (Scientific Director).
2015: PON Ricerca e Competitività – Asse I – Sostegno ai mutamenti strutturali – Obiettivo operativo: Reti per il rafforzamento del potenziale scientifico-tecnologico delle regioni convergenza – I Azione: Distretti ad alta tecnologia e relative reti. Progetto PON03_00434: Distretto della Salute – Biotecnomed (Scientific Director and Principal Investigator).

Patents

Nanoporous substrates for the analytical methods (International Patent number: 8753897)
Concentrator and locator device of a solute and method for concentrating and locating a solute (International Patent number: 8749777)
Method od manufacturing an optical detection device (Intarnational patent number: 20110265305)

ADDITIONAL INFORMATION

Publications

total number of publications in peer-review journals: 167 (Scopus)
total Impact Factor (IF): 7.499,59; (average IF/paper): 5.999
total number of citations: 4.470; H index: 35

Relevant publications (sorted on citation number)

De Angelis, F., Gentile, F., Mecarini, F., Das, G., Moretti, M., Candeloro, P., Coluccio, M.L., Cojoc, G., Accardo, A., Liberale, C., Zaccaria, R.P., Perozziello, G., Tirinato, L., Toma, A., Cuda, G., Cingolani, R., Di Fabrizio, E. Breaking the diffusion limit with super-hydrophobic delivery of molecules to plasmonic nanofocusing SERS structures (2011) Nature Photonics, 5 (11), pp. 682-687. Cited 512 times.

Cheng, M.M.-C., Cuda, G., Bunimovich, Y.L., Gaspari, M., Heath, J.R., Hill, H.D., Mirkin, C.A., Nijdam, A.J., Terracciano, R., Thundat, T., Ferrari, M. Nanotechnologies for biomolecular detection and medical diagnostics (2006) Current Opinion in Chemical Biology, 10 (1), pp. 11-19. Cited 406 times.

Das, G., Mecarini, F., Gentile, F., De Angelis, F., Mohan Kumar, H.G., Candeloro, P., Liberale, C., Cuda G., Di Fabrizio, E. Nano-patterned SERS substrate: Application for protein analysis vs. temperature (2009) Biosensors and Bioelectronics, 24 (6), pp. 1693-1699. Cited 202 times.

Cuda, G., Fananapazir, L., Zhu, W.-S., Sellers, J.R., Epstein, N.D. Skeletal muscle expression and abnormal function of β-myosin in hypertrophic cardiomyopathy (1993) Journal of Clinical Investigation, 91 (6), pp. 2861-2865. Cited 197 times.

Cuda, G., Fananapazir, L., Epstein, N.D., Sellers, J.R. The in vitro motility activity of β-cardiac myosin depends on the nature of the β-myosin heavy chain gene mutation in hypertrophic cardiomyopathy (1997) Journal of Muscle Research and Cell Motility, 18 (3), pp. 275-283. Cited 108 times.

Dorn, T., Kornherr, J., Parrotta, E.I., Zawada, D., Ayetey, H., Santamaria, G., Iop, L., Mastantuono, E., Sinnecker, D., Goedel, A., Dirschinger, R.J., My, I., Laue, S., Bozoglu, T., Baarlink, C., Ziegler, T., Graf, E., Hinkel, R., Cuda, et al. Interplay of cell–cell contacts and RhoA/MRTF-A signaling regulates cardiomyocyte identity. (2018) EMBO Journal, 37 (12), art. no. e98133, . Cited 35 times.