

PERSONAL DETAILS

Giovanni Nassa
Assistant Professor (RTDB) of General Pathology (MED/04), Department of Medicine, Surgery and Dentistry “Scuola Medica Salernitana”, University of Salerno

EDUCATION

Nov. 2007 – Dec. 2010: PhD in ‘Pathology of cell signal transduction’ at University of Campania “Luigi Vanvitelli” (Italy).

Nov. 2005 – Oct. 2007: Master degree in Medical Biotechnology, University of Naples “ Federico II” (Italy).

Nov. 2001 – July 2005: Bachelor degree in Biotechnology for Health, University of Naples “ Federico II” (Italy).

WORK EXPERIENCE

Oct 2021 – to present: Assistant Professor (RTD, art. 24 c.3-b L. 240/10) – MED/04 - Department of Medicine, Surgery and Dentistry “Scuola Medica Salernitana”- University of Salerno

May 2017 – Sep. 21: Researcher (RTD, art. 24 c.3-a L. 240/10) – MED/04 - Department of Medicine, Surgery and Dentistry “Scuola Medica Salernitana”- University of Salerno

Nov. 2017 – Dec. 2017: Visiting scientist at Institute of Clinical Medicine, University of Oslo.

Jan. 2016 – May 2017: Post doctoral fellow at Laboratory of Molecular Medicine and Genomics, Department of Medicine, Surgery and Dentistry “Scuola Medica Salernitana”- University of Salerno

Apr. – May 2015: Consultancy agreement for Illumina Human 450K Infinium Methylation Array, Genomix4Life, Laboratory of Molecular Medicine and Genomics, Department of Medicine, Surgery and Dentistry “Scuola Medica Salernitana”- University of Salerno

July 2013: Co-founder Genomix4Life, Spin-off of the Laboratory of Molecular Medicine and Genomics, Department of Medicine and Surgery “Scuola Medica Salernitana”- University of Salerno

Jan. 2013 – Dec. 2015: Post doctoral fellow of the Italian Foundation for Cancer Research at Laboratory of Molecular Medicine and Genomics, Department of Medicine, Surgery and Dentistry “Scuola Medica Salernitana”- University of Salerno

June – July 2013: Visiting scientist Institute of biotechnology, University of Helsinki.

Sep. 2012 –Dec. 2012: Research Fellow at Laboratory of Molecular Medicine and Genomics, Department of Medicine, Surgery and Dentistry “Scuola Medica Salernitana”- University of Salerno

June – July 2010, June – July 2011: Visiting scientist at Biomedicum Helsinki and Institute of Biotechnology, University of Helsinki.

Oct. – Dec. 2010: FEBS short-term Fellow at Protein Chemistry Unit of Biomedicum Helsinki, University of Helsinki.

Nov. – Dec. 2009: CRESCENDO Researcher Exchange Fellow at Biomedicum Helsinki and Institute of Biotechnology, University of Helsinki.

May – June 2009: Visiting scientist UNICAMPANIA “*Programma Operativo Nazionale per lo sviluppo del Capitale Umano d’Eccellenza*” at Biomedicum Helsinki, University of Helsinki.

Feb. – April 2009: Visiting scientist at Protein Chemistry Unit of Biomedicum Helsinki and Institute of Biotechnology, University of Helsinki.

Nov. – Dec. 2008: Visiting scientist at Protein Chemistry Unit of Biomedicum Helsinki and Institute of Biotechnology, University of Helsinki.

Nov. 2007 - Dec. 2010: PhD student, Department of General Pathology, University of Campania “Luigi Vanvitelli” (Italy)

FELLOWSHIPS AND AWARDS

Travel fellowship for the “EACR-AACR-SIC Special Conference 2017, Firenze (June. 2017)

Best poster presentation award at “Experimental Biology Annual Meeting” (American Society for Investigative Pathology), San Diego, California (May 2014)

Best poster presentation award at SIPMET/ASIP young scientists meeting “From general pathology to molecular and translational medicine”, Rome (Oct. 2013)

Travel fellowship for the “55 th Annual Meeting of the Italian Cancer Society”, Catanzaro (Sept. 2013)

Italian Foundation for Cancer Research (FIRC-AIRC) “Mario e Valeria Rindi” triennial fellowship

Best poster presentation award at the GerIta “Next generation sequencing workshop” (July 2012)

Fondazione con il Sud ‘Young Talented Scientist’ Fellowship, Laboratory of Molecular Medicine and Genomics, University of Salerno (12/10-8/12)

FEBS short-term Fellowship, Biomedicum Helsinki, University of Helsinki (10-12/10)

Best poster presentation award at GSA 2010 Meeting, Second University of Naples (July 2010)

EU CRESCENDO Fellowships, Department of General Pathology, Second University of Naples (4-9/08; 11/08-1/09; 5-6/09; 3-11/10)

CRESCENDO Researcher Exchange Fellowship, Protein Chemistry and Proteomics Unit of Biomedicum Helsinki, University of Helsinki (11-12/09)

UNICAMPANIA Fellowship for PhD student mobility (*Programma Operativo Nazionale per lo sviluppo del Capitale Umano d'Ecceellenza*), Biomedicum Helsinki, University of Helsinki (5-6/09)

RESEARCH GRANTS

Research Unit Coordinator, Young Researcher Program, Italian Ministry of Health (Ricerca Finalizzata 2011-2012: GR-2011-02347781 "Role of microRNAs in modulating platelet function in patients with acute coronary syndromes")

Associate investigator in the project FARB 2019 (cod. ORSA195102). Title: "CARATTERIZZAZIONE MOLECOLARE DI TUMORI NEUROENDOCRINI PER UNA CORRETTA STRATIFICAZIONE DEI PAZIENTI E L'IDENTIFICAZIONE DI POTENZIALI BERSAGLI TERAPEUTICI".

Associate investigator in the project FARB 2018 (cod. ORSA181010). Titolo: "IDENTIFICAZIONE E ANALISI FUNZIONALE DI BIOMARCATORI EPIGENETICI DI ESPOSIZIONE A INQUINANTI AMBIENTALI".

Associate investigator in the project FARB 2017 (cod. ORSA177200). Titolo: "ANALISI DEL RUOLO FUNZIONALE DEL RECETTORE DEGLI ESTROGENI BETA NEL CARCINOMA TRIPLO-NEGATIVO DELLA MAMMELLA".

Participant in the project founded by the Italian association for cancer research (AIRC) Investigator Grant 2015-17 (Cod. IG-17426). Title: "FUNCTIONAL ANALYSIS OF ESTROGEN RECEPTOR BETA ACTIVITY IN TRIPLE NEGATIVE BREAST CANCER"

Participant in the project founded by the Italian association for cancer research (AIRC) Investigator Grant 2012-14 (Cod. IG-13176). Titolo: "CONTROL OF MIRNA BIOGENESIS AND FUNCTION BY ESTROGEN RECEPTOR BETA IN HORMONE-RESPONSIVE BREAST CANCER"

Participant in the project FARB 2011 (cod. ORSA112022). Titolo: "ANALISI SU SCALA GENOMICA DEL CONTROLLO DELLE FUNZIONI CELLULARI DA RECETTORI DEGLI ESTROGENI NEI TUMORI"

Participant in the project PRIN 2008 (Cod. 2008CJ4SYW_004). Title: "RUOLO DEI LIGANDI DI RECETTORI NUCLEARI NEL CONTROLLO DEL CICLO CELLULARE E DEL DIFFERENZIAMENTO"

Participant in the project "LABORATORIO DI MEDICINA MOLECOLARE PER LA MESSA A PUNTO DI TERAPIE INNOVATIVE E L'IDENTIFICAZIONE E VALIDAZIONE DI MARCATORI MOLECOLARI DI MALATTIA" (DD 296/08 - BURC n. 34 25/08/08)

Participant in the european Integrated Project 2006-2012 (Cod. LSHM-CT-2005-018652) "Consortium for Research into Nuclear Receptors in Development and Aging - CRESCENDO"

EDITORIAL ACTIVITIES

Academic Editor: PLOS ONE

Reviewer Board: Cancers

Peer Reviewer: Cancers, Frontiers Oncology, International Journal of Molecular Science, BMC Cancer, PLOS ONE, GENE, Current Proteomics, Genomics, Food and Chemical Toxicology, Pathology Research and Practice, The American Journal of Pathology.

SCIENTIFIC SOCIETIES MEMBERSHIP

Member: Italian Society of Cancerology (SIC since 2013), European Association for Cancer Research (EACR since 2013), Italian Society of Pathology and Translational Medicine (SIPMET, since 2013), American Society for Investigative Pathology (ASIP since 2014)

SCIENTIFIC ACTIVITY

Dr Giovanni Nassa is Author of 48 scientific publications and 1 Book chapter (<https://pubmed.ncbi.nlm.nih.gov/?term=Nassa+G>), all published in International Peer-Reviewer's Journals.

Bibliometric parameters: Scopus (h-index=19; total number of citations = 949); Total IF: 257.463; Average IF: 5.364

SKILLS

Dr Giovanni Nassa research activities are mainly focused on the understanding of the molecular mechanisms underlying cancer onset and progression, through the application of molecular and cellular biology techniques, proteomics (complexes purification and interactomes identification) and functional genomics (molecules genome binding, coding and non coding expression profiling as well methylome analysis by microarrays and next generation sequencing). Dr Giovanni Nassa is currently working at Department of Medicine, Surgery and Dentistry "Scuola Medica Salernitana", University of Salerno. His current activities concern the application of advanced technologies in medicine, such as interaction and quantitative proteomics together with functional genomics in neoplastic human diseases and in animal models mainly focusing on the epigenetic mechanisms underlying hormone-responsive breast cancer pathogenesis and loss of response to endocrine therapy during tumour progression.