



Curriculum Vitae Europass

Personal informations

Surname (s) / Name (s) **CONZA DOMENICO**

Address (es)

Telephone (s)

Mobile

E-mail

Posta Elettronica Certificata (PEC)

Citizenship

Date of birth

Gender

Desired employment /
Occupational field **Biotechnology sector with biomedical orientation**

Professional experience

Date **09/2020-**

Occupation or position held **Postdoctoral Researcher**

Main activities and responsibilities **Comorbidità ed epigenetica del cancro "COEPICA". Analisi delle modifiche epigenetiche in modelli di obesità e diabete. BANDO N. IEOS BS 10/2020**

Name and address of the employer **Istituto di Endocrinologia e Oncologia Sperimentale CNR IEOS "G. Salvatore", Via Pansini 5, Napoli
Laboratorio Pof- Francesco Beguinot ; supervisione Dr Luca Ulianich**

Type of business or sector **Research**

Date **08/2019-08/2020**

Occupation or position held **Research laboratory operator Level E3**

Main activities and responsibilities **Operator in research and development of new molecular targets for diagnosis and therapy in the endocrine-oncological field**

Name and address of the employer **Anemocyte Talent for Life / Via Roberto Lepetit, 34 | 21040 Gerenzano (VA) Italy**

Type of business or sector **Research**

Date **06/2017-06/2019**

Occupation or position held **Postdoctoral Research fellow**

Main activities and responsibilities **Ruolo del gene ANKRD28 nella patogenesi delle malattie dell'invecchiamento BANDO IEOS BS 11/2016**

Name and address of the employer **Istituto di Endocrinologia e Oncologia Sperimentale CNR IEOS "G. Salvatore", Via Pansini 5, Napoli
Laboratorio Pof- Francesco Beguinot ; supervisione Dr Luca Ulianich**

Type of business or sector **Research**

Date **06/2016-06/2017**

Occupation or position held **Research fellow**

Main activities and responsibilities **Ruolo del gene ANKRD28 nella patogenesi delle malattie dell'invecchiamento BANDO IEOS BS 11/2016**

Name and address of the employer	Istituto di Endocrinologia e Oncologia Sperimentale CNR IEOS "G. Salvatore", Via Pansini 5, Napoli Laboratorio Prof- Francesco Beguinot ; supervisione Dr Luca Ulianich
Type of business or sector	Research
Date	10/2015-01/2016
Occupation or position held	Research fellow
Main activities and responsibilities	Terapie Innovative di Malattie infiammatorie croniche, metaboliche, Neoplastiche e Geriatriche. Ambito di Research : Farmacogenomica del DT2 DECRETO n.161/2015
Name and address of the employer	Dipartimento di Scienze Mediche Traslazionali Università degli Studi di Napoli Federico II - Napoli Laboratorio Prof- Francesco Beguinot ; supervisione Dr Luca Ulianich
Type of business or sector	Research
Date	07/2014-07/2015
Occupation or position held	Research fellow
Main activities and responsibilities	Esecuzione di metodiche finalizzate alla sequenza per Next Generation Sequencing da RNA estratto da cellule di carcinoma mammario sottoposte a diverse condizioni di coltura ed analisi dei dati ottenuti" Protocollo 2014/0054769
Name and address of the employer	Dipartimento di Scienze Mediche Traslazionali Università degli Studi di Napoli Federico II - Napoli Laboratorio Prof- Francesco Beguinot ; supervisione Dr Luca Ulianich
Type of business or sector	Research
Date	04/2014-05/2017
Occupation or position held	Dottorando di Ricerca (PhD) in Medicina Clinica e Sperimentale XXIX ciclo n. 808 del registro rilascio documenti- numero protocollo 81/2018
Main activities and responsibilities	<i>The role of Endoplasmic Reticulum stress and GRP78 in endometrial cancer</i>
Name and address of the employer	Dipartimento di Scienze Mediche Traslazionali Università degli Studi di Napoli Federico II - Napoli Laboratorio Prof- Francesco Beguinot ; supervisione Dr Luca Ulianich
Type of business or sector	Research
Date	06/2013-10/2013
Occupation or position held	Research fellow
Main activities and responsibilities	Valutazione di modifiche epigenetiche a carico del gene <i>PED/PEA-15</i> e identificazioni di eventuali associazioni tra il diabete di tipo 2 (T2D) e fenotipi associati a malattie coronariche (CAD) Protocollo 2013/0056196
Name and address of the employer	Dipartimento di Scienze Mediche Traslazionali Università degli Studi di Napoli Federico II - Napoli Laboratorio Prof- Francesco Beguinot ; supervisione Dr Luca Ulianich
Type of business or sector	Research
Date	05/2013-06/2013
Occupation or position held	Postgraduale Intern
Main activities and responsibilities	<i>The role of Endoplasmic Reticulum stress in endometrial cancer</i>
Name and address of the employer	Istituto di Endocrinologia e Oncologia Sperimentale CNR IEOS "G. Salvatore", Via Pansini 5, Napoli Laboratorio Prof- Francesco Beguinot ; supervisione Dr Luca Ulianich
Type of business or sector	Research

Date	06/2011- 09/2012	
Occupation or position held	Master's candidate	
Main activities and responsibilities	Studio del ruolo dello stress del reticolo endoplasmatico nei tumori endometriali	
Name and address of the employer	Istituto di Endocrinologia e Oncologia Sperimentale "G. Salvatore", Via Pensini 5, Napoli	
Type of business or sector	Research	
Date	05/2010 – 09/2010	
Occupation or position held	Master's candidate	
Main activities and responsibilities	Studio del ruolo dell'attività di cyclin dependent kinase 1 sul controllo della degradazione della ciclina B	
Name and address of the employer	Dipartimento di Biologia e Patologia Cellulare e Molecolare "L. Califano"	
Type of business or sector	Research	
Education and training course		
Date	25/02/2021	
N° d'ordine	AA_088655	
Name and type of organization providing education and training	Iscrizione all'Albo Professionale dei Biologi - Sezione A	
Date	Seconda Sessione dell'anno 2020	
Title of qualification awarded	Biologo	
Name and type of organization providing education and training	Esame di Stato per l'abilitazione all'esercizio della professione di Biologo, Università degli studi di Napoli "Federico II	
Date	04/2014-05/2017	
Title of qualification awarded	Dottorato di Ricerca (PhD) in Medicina Clinica e Sperimentale XXIX ciclo n. 808 del registro rilascio documenti- numero protocollo 81/2018	
Main professional subjects / competences held	<i>The role of Endoplasmic Reticulum stress and GRP78 in endometrial cancer</i>	
Name and type of organization providing education and training	Università degli studi di Napoli "Federico II- Dipartimento di Scienze Mediche Traslazionali	
Level in national or international classification	Dottorato di Ricerca /PHD	
Date	2010/2011 – 2011/2012	
Title of qualification awarded	Degree in Medical Biotechnology votazione 110 su 110	
Main professional subjects / competences held	Titolo della tesi: LO STRESS DEL RETICOLO ENDOPLASMATICO NEI TUMORI ENDOMETRIALI	
Name and type of organization providing education and training	Università degli studi di Napoli "Federico II" - Facoltà di Scienze Biotecnologiche	
Level in national or international classification	Italian degree similar to a master's degree	
Date	2006/2007 – 2009/2010	
Title of qualification awarded	Degree in Biotechnology for Health votazione 90 su 110	
Main professional subjects / competences held	Titolo della tesi: RUOLO DELL'ATTIVITA' DI CYCLIN DEPENDENT KINASE 1 SUL CONTROLLO DELLA DEGRADAZIONE DELLA CICLINA B	

Name and type of organization providing education and training	Università degli studi di Napoli "Federico II" - Facoltà di Scienze Biotechonologiche				
Level in national or international classification	Italian degree similar to a bachelor's degree				
Date	2001/2002 – 2005/2006				
Title of qualification awarded	Diploma				
Name and type of organization providing education and training	Liceo scientifico Leonardo da Vinci Poggiomarino (NA)				
Level in national or international classification	high school diploma				
Personal skills and competences					
Native language	Italian				
Other language (s)					
Self evaluation	Understanding		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken production	
Inglese	B1	B2	B1	B1	B1
Francese	A2	B1	B1	A2	A2
Technical skills and competences	<ul style="list-style-type: none"> • Methodologies for cell cultures <ul style="list-style-type: none"> - maintenance of continuous cell cultures - cryogenic preservation of cells - cell culture treatments with activating or inhibiting molecules - transfection of cells with plasmids by non-viral vectors - vitality test with sulfonamide - Colony Assay • Biochemical methods: <ul style="list-style-type: none"> - extraction of proteins from tissues and eukaryotic cells - quantization of total proteins by the Bradford method - Western Blot - proteins immunoprecipitation and co-immunoprecipitation - ELISA assays • Molecular Biology Methods: <ul style="list-style-type: none"> - extraction of nucleic acids (DNA, RNA, microRNA) from tissues and eukaryotic cells - RNA and microRNA reverse transcription reactions - PCR reactions - RT-PCR analysis - functional genomics essays - chromatin immunoprecipitation assays (ChIP) - immunoprecipitation assays of methylated DNA (MeDIP) - DNA sequencing analysis after conversion with bisulfite - in vitro methylation assays - luciferase assays - cloning techniques - transformation and growth of bacteria and isolation of plasmids 				

Computer skills and competences	<ul style="list-style-type: none"> • Windows 98', 2000, XP, Vista, 7,8,10, Server 2016 • Windows Office • Internet and e-mail management • Graphics programs (Photoshop, Blender, ImageJ, GraphPad Prism 6)
Driving license	B
Publication	<p>Author ID: 56237237800 h-index: 3 Total citations: 66</p> <p>-Metformin Dysregulates the Unfolded Protein Response and the WNT/β-Catenin Pathway in Endometrial Cancer Cells through an AMPK-Independent Mechanism Domenico Conza 1, Paola Mirra 1, Gaetano Call 2, Luigi Insabato 3, Francesca Fiory 1, Francesco Beguinot 1, Luca Ulianich 1 PMID: 33946426 PMCID: PMC8147131 DOI: 10.3390/cells10051067 Impact factor 2020/2021 6.800 Cite Score 2020 4.2</p> <p>- The Pervasive Effects of ER Stress on a Typical Endocrine Cell: Dedifferentiation, Mesenchymal Shift and Antioxidant Response in the Thyrocyte Ulianich, L.a, Mirra, P.a, Garbi, C.b, Call, G.c, Conza, D.a, Treglia, A.S.d, Miraglia, A.d, Punzi, D.a, Miele, C.a, Raciti, G.A.a, Beguinot, F.a, Consiglio, E.a, Di Jeso, B. Frontiers in Endocrinology, 2020, 11, DOI: 10.3389/fendo.2020.588685 Impact Factor 2019/2020: -3,675 CiteScore 2019: 3.4</p> <p>-Oleic acid promotes prostate cancer malignant phenotype via the G protein-coupled receptor FFA1/GPR40. Liotti A, Cosimato V, Mirra P, Call G, Conza D, Secondo A, Luongo G, Terracciano D, Formisano P, Beguinot F, Insabato L, Ulianich L. J Cell Physiol. 2018 Apr 16. doi: 10.1002/jcp.26572. Impact Factor 2017/2018: -3.923 CiteScore 2018: 3.70</p> <p>-The SGK1 Inhibitor SI113 Induces Autophagy, Apoptosis and Endoplasmic Reticulum Stress in Endometrial Cancer Cells. Conza D, Mirra P, Call G, Tortora T, Insabato L, Fiory F, Schenone S, Amato R, Beguinot F, Perrotti N, Ulianich L. J Cell Physiol. 2017 Feb 8. doi: 10.1002/jcp.25850. Impact Factor 2017/2018 -3.923 CiteScore 2017: 3.70</p> <p>-GRP78 mediates cell growth and invasiveness in endometrial cancer. Call G, Insabato L, Conza D, Bifulco G, Parrillo L, Mirra P, Fiory F, Miele C, Raciti GA, Di Jeso B, Terrazzano G, Beguinot F, Ulianich L. J Cell Physiol. 2014 Oct;229(10):1417-26. doi: 10.1002/jcp.24578 Impact Factor 2014 -3.839 CiteScore 2014: 3.79</p>

Congress proceedings:

M. Longo, R. Spinelli, L. Ulianich, L. Parrillo, D. Conza, F. Beguinot, B. Di Jeso
DBPCM Università di Napoli, DiSTeBA, Università del Salento
L'attivazione del pathway delle esosammine induce stress del reticolo
endoplasmatico in preadipociti e blocca il differenziamento adipocitario. 24°
Congresso Nazionale della Società Italiana Diabetologia, Torino, Italy, 23-26 Maggio
2012

Ulianich L, Call G, Conza D, Zatterale F, Leone A, Prevezano I, Di Jeso B, Flory F,
Miele C, Mirra P, Nigro C, Parrillo L, Bifulco G, Beguinot F. ER stress and
GRP78/BIP play a role in endometrial cancer. 36° Congresso Nazionale della
Società Italiana di Endocrinologia, Padova, Italy, 5-8 June 2013.

Elevated glucose concentrations induce Prep1 overexpression through epigenetic
modifications M. Ciccarelli, V. Vastolo, L. Albano, A. Desiderio, M. Lecce, D. Conza,
G.L. Russo, F. Beguinot, P. Ungaro; 50th European Association for the Study of
Diabetes (EASD) annual meeting, Settembre 16-19, 2014, Vienna, Austria

C. Nigro, A. Leone, I. Prevezano, P.E. Patano, T. Fleming, D. Conza, M. Coccarelli,
C. Del Giudice, G. Iaccarino, P.P. Nawroth, P. Formisano, F. Beguinot, C. Miele
Effetto del metilglossale sul metabolismo glucidico e sulla funzione vascolare di topi
C57bl6. 26° Congresso Nazionale della Società italiana Diabetologia, Rimini, Italy,
4-7 Maggio 2016

Conza D, Mirra P, Call G, Insabato L, Leone A, Desiderio A, Beguinot F, Ulianich
L. Metformin exerts antitumoral activity on endometrial cancer cells by modulating
the Unfolded Protein Response. 4th International Conference on Tumor
Microenvironment and Cellular Stress: Signaling, Metabolism, Imaging and
Therapeutic Targets, Giugno 5-10, 2016 Rodi, Grecia.

Longo M, Zatterale F, Raciti GA, Hediazifar S, Hoffman J, Spinelli R, Cacace G,
Conza D, Ulianich L, Smith U, Beguinot F. 52st European Association for the Study
of Diabetes (EASD) annual meeting, Settembre 12-16, 2016, Monaco di Baviera,
Germania

Alessia Leone, Immacolata Prevezano, Antonella Nicolò, Luca Ulianich, Domenico
Conza, Luca Parrillo, Giuseppe Cacace, Michele Longo, Gregory Alexander Raciti,
Claudia Miele, Cecilia Nigro. Effetto della delezione di *Glossalasi 1* sulla funzione
angiogenica in vitro in cellule MAEC. 27° Congresso Nazionale della Società Italiana
Diabetologia, Rimini, Italy 16-19 Maggio 2018

A. Desiderio, M. Campitelli, G. Cacace, A. Leone, I. Prevezano, D. Conza, F.C.
Pignalosa, M. Milone, C. Miele, F. Beguinot, G.A. Raciti, Italy. *ANKRD26* gene
expression depends on the methylation of its promoter and associates with cardio-
metabolic risk and altered levels of inflammatory mediators in human obesity.
54th Annual Meeting European association for the study of diabetes (EASD). Berlino
Germany 1-5 ottobre 2018

Autorizzo il trattamento dei miei dati personali ai sensi del Decreto Legislativo 30 giugno 2003, n. 196
"Codice in materia di protezione dei dati personali". (facoltativo, v. istruzioni)

Firma