

EUROPEAN
CURRICULUM VITAE
FORMAT



PERSONAL INFORMATION

Name **GIANFRANCO PELUSO**
Address

E-mail **gianfranco.peluso@unicamillus.org**
Nationality Italian
Gender male

WORK EXPERIENCE

- Dates (from - to) 2022 - today
- Name and address of the employer Facoltà Dipartimentale di Medicina e Chirurgia della Saint Camillus International University of Health Sciences – UniCamillus, Roma
- Type of business or sector
- Occupation or position held **Full time Professor**
- Main activities and responsibilities

- Dates (from - to) 1988 - 2022
- Name and address of the employer CNR
- Type of business or sector
- Occupation or position held **Director Research**
- Main activities and responsibilities Head of Research Unit IRET-Naples

- Dates (from - to) 2000 –2004
- Name and address of the employer Istituto Nazionale dei Tumori di Napoli
- Type of business or sector
- Occupation or position held **Director of Department of Experimental Oncology**
- Main activities and responsibilities Integration and management of regional, national and international research networks and relationships with public and private bodies, for commissioned research and development of patents.

- Dates (from - to) 1999 – 2004
- Name and address of the employer Istituto Nazionale dei Tumori di Napoli
- Type of business or sector
- Occupation or position held **Director of the Molecular Biology Unit**
- Main activities and responsibilities Coordination of research programs, selection of appropriate research problems, definition of the specific objectives, organization of the research, planning, and execution of experiments, and evaluation of research results

EDUCATION AND TRAINING

- Dates (from - to) 1989-1991
- Name and type of organisation providing education and training Università degli Studi di Perugia
- Principal subjects/occupational skills covered
- Title of qualification awarded **Dottorato di ricerca in perinatologia**

- Dates (from - to)
- Name and type of organisation providing education and training
- Principal subjects/occupational skills covered
- Title of qualification awarded

1980– 1984

I Facoltà di Medicina e Chirurgia di Napoli - Università degli studi di Napoli.

Specializzazione in Pediatria cum laude

- Dates (from - to)
- Name and type of organisation providing education and training
- Principal subjects/occupational skills covered
- Title of qualification awarded

1979 - 1980

I Facoltà di Medicina e Chirurgia di Napoli - Università degli Studi di Napoli

Laurea in Medicina e Chirurgia cum laude

PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE

OTHER LANGUAGES

SCIENTIFIC SKILLS AND COMPETENCES

Living and working with other people, in multicultural environments, in positions where communication is important and situations where teamwork is essential (for example culture and sports), etc.

RELEVANT ROLES AND COMPETENCES

Coordination and administration of people, projects and budgets; at work, in voluntary work (for example culture and sports) and at home, etc.

ITALIAN

ENGLISH

SPANISH

- Research interests (5 Key words): nutraceuticals, plant-derived bioactive molecules, exosomes, nanomedicine, metabolism.
- Author of 180 publication on Scientific Journals.
- Reviewer for Nature journals, ACS journals and MDPI journals.
- Member of the editorial board of Molecular and Cellular Oncology, International Journal of Molecular Sciences, and Current Pharmaceutical Biotechnology.
- Organization and Communication at national and international congresses (more than 190 communications).
- Supervisor of more than 10 university theses (three-year, specialist and master's); guiding teacher and co-rapporteur of 12 doctoral theses.
- Lecturers in different advanced training courses (Masters of I and II level) since 1987.
- Head of a multidisciplinary research group devoted to the study of Metabolism, Natural Bioactive Molecules and NanoMedicine.
- Coordinator of 41 research projects as Scientific Director or working package leader. The five most important ones in the last 5 years:
 - 2021-today Progetto POR 2014-2020 FESR MISE Prog. n.F/200004/01-02/X45: Micro-Poli, Titolo: Micro-nanodispositivi veicolanti polifenoli isolati da scarti della filiera olivicola come nuovi integratori alimentari. Finanziamento: € 3.606.082,50 Role: Scientific Director;
 - 2020-today Progetto POR FESR FSE 2014-2020 - AZIONE 1.1.1.: Mosem 18009MP000000020, Titolo: Isolamento con tecnologie abilitanti di principi attivi dalla canapa sativa utili per la salute umana. Finanziamento: € 465.926,25 Role: Scientific Director;
 - 2019-today PSR Campania 2014/2020 Misura 16 - Tipologia di Intervento 16.1.1 - Azione 2 "Sostegno ai Progetti Operativi di Innovazione (POI): OliveHealth, Titolo: Identificazione delle componenti salutistiche della filiera olivicola campana. Finanziamento: €399.366,02 Role: Scientific Director;
 - 2018-2021 Progetto PON 03 PE_00110_1 / ptd1_000410: SORRISO, Titolo: Sviluppo di nanotecnologie Orientate alla Rigenerazione e Ricostruzione tissutale, Implantologia e Sensoristica in Odontoiatria/oculistica. Finanziamento: € 8.411.256,00 Role: Scientific Director;
 - 2013-2018 Progetto PON_03_PE_00106_1: MAREA, Titolo: Materiali Avanzati Per la Ricerca ed il Comparto Agroalimentare (MAREA). Finanziamento: €9.695.000,00 Role: Scientific Director;
- Scientific Director of 7 industrial research projects
- Scientific Director and Coordinator of scientific international agreements with China, Brazil, New Zealand and USA

PUBLICATION INDEXES (GOOGLE
SCHOLAR)

- NUMBER OF PUBLICATIONS: 180
- TOTAL NUMBER OF CITATIONS: 9980
- H-INDEX: 50

10 MOST RELEVANT
PUBLICATIONS
In the last 10 years.

1. Di Salle A, Viscusi G, Di Cristo F, Valentino A, Gorrasi G, Lamberti E, Vittoria V, Calarco A, Peluso G. Antimicrobial and Antibiofilm Activity of Curcumin-Loaded Electrospun Nanofibers for the Prevention of the Biofilm-Associated Infections. *Molecules*. 2021 Aug 11;26(16):4866. doi: 10.3390/molecules26164866.
2. Galderisi U, Peluso G, Di Bernardo G. Clinical Trials Based on Mesenchymal Stromal Cells are Exponentially Increasing: Where are We in Recent Years? *Stem Cell Rev Rep*. 2021 Aug 16:1-14. doi: 10.1007/s12015-021-10231-w. Online ahead of print.
3. Squillaci G, Marchetti A, Petillo O, Bosetti M, La Cara F, Peluso G, Morana A. Olive Oil Dregs as a Novel Source of Natural Antioxidants: Extraction Optimization towards a Sustainable Process. *Processes*. 2021 9(6):1064. doi: 10.3390/pr9061064.
4. Di Maio G, Alessio N, Demirsoy IH, Peluso G, Perrotta S, Monda M, Di Bernardo G. Evaluation of Browning Agents on the White Adipogenesis of Bone Marrow Mesenchymal Stromal Cells: A Contribution to Fighting Obesity. *Cells*. 2021 Feb 16;10(2):403. doi: 10.3390/cells10020403.
5. Aprile D, Alessio N, Demirsoy IH, Squillaro T, Peluso G, Di Bernardo G, Galderisi U. MUSE Stem Cells Can Be Isolated from Stromal Compartment of Mouse Bone Marrow, Adipose Tissue, and Ear Connective Tissue: A Comparative Study of Their In Vitro Properties. *Cells*. 2021 Mar 30;10(4):761. doi: 10.3390/cells10040761.
6. Acar MB, Aprile D, Ayaz-Guner S, Guner H, Tez C, Di Bernardo G, Peluso G, Ozcan S, Galderisi U. Why Do Muse Stem Cells Present an Enduring Stress Capacity? Hints from a Comparative Proteome Analysis. *Int J Mol Sci*. 2021; 22(4):2064. doi: 10.3390/ijms22042064.
7. De Luca I, Pedram P, Moeini A, Cerruti P, Peluso G, Di Salle A, Germann N. Nanotechnology Development for Formulating Essential Oils in Wound Dressing Materials to Promote the Wound-Healing Process: A Review. *Applied Sci*. 2021; 11(4):1713. Doi: 10.3390/app11041713.
8. Acar MB, Ayaz-Guner S, Di Bernardo G, Guner H, Murat A, Peluso G, Ozcan S, Galderisi U. Obesity induced by high-fat diet is associated with critical changes in biological and molecular functions of mesenchymal stromal cells present in visceral adipose tissue. *Aging*. 2020; 12(24): 24894-24913.
9. Carillo MR, Bertapelle C, Scialo F, Siervo M, Spagnuolo G, Simeone M, Peluso G, Digilio FA. L-Carnitine in Drosophila: A Review. *Antioxidants*. 2020; 9(12):1310. Doi: 10.3390/antiox9121310.
10. Finicelli M, Squillaro T, Galderisi U, Peluso G. Micro-RNAs: Crossroads between the exposure to environmental particulate pollution and the obstructive pulmonary disease. *Int. J. Mol. Sci*. 2020;21(19):7221. Doi: 10.3390/ijms21197221.

PATENTS

- 6 International Patents: N. 102017000108274; N. 102015000083095; WO2012167882A1; WO2010072347A1; US20080227683 A1.

According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016, I hereby express my consent to process and use my data provided in this CV

Napoli, 31.01.2022

Signature

