CURRICULUM VITAE GRAZIA FENU PINTORI



PERSONAL INFORMATION

Born in Sassari on January 26, 1964
Resident in Sassari
Email: grazia.fenupintori@unicamillus.org
Pec: graziafenupintori@pec.it

EDUCATIONAL QUALIFICATION

1989 – Degree in Medicine and Surgery
2013 - Specialization in Pathological Anatomy

POSITION HELD

2017 - Associate Professor Department of Biomedical Sciences at University of Sassari

PROFESSIONAL EXPERIENCE

1997 - Permanent researcher
Institute of Normal Human Anatomy - University of Sassari

1990 - Graduate Technician – Institute of Normal Human Anatomy – University of Sassari

EDUCATIONAL ACTIVITIES

From 1990 to 2015 Grazia Fenu Pintori has taught in the following courses:

- Medicine and Surgery Course for the teachings of Normal Human Anatomy, Microscopic Anatomy and Embryology
- Physiotherapy Course for Teaching Normal Human Anatomy

From 2015 to today Grazia Fenu Pintori teaches in the following courses:

- Obstetrics Course for Teaching Normal Human Anatomy
- Obstetrics Course for Teaching Pathological Anatomy
- Nursing Degree Program for Teaching Pathological Anatomy – University of Sassari

This *CV* is prepared for publication in the "Transparent Administration" section of the University's institutional website, in order to ensure compliance with current data protection legislation. The full CV is kept at the offices of the Department that awarded the position.

- Degree course in Speech Therapy for Teaching Normal Human Anatomy
- Degree Course in Laboratory Technician for Teaching Normal Human Anatomy
- **From 2015 to 2023,** Degree Course in Medical Radiology Technician for the teaching of Pathological Anatomy
- **From 2023 to today** he has been teaching Anatomy of the Nervous System in the Degree Course in Psychological Sciences and Techniques of Cognitive Processes
- **From 2024 to today** he has been a lecturer in the Degree course in Nursing Sciences for the teaching of Pathological Anatomy - UNIOLBIA - Branch of the University of Sassari

RESEARCH ACTIVITIES

Since 2010, he has been studying the activity of human amniocytes on tumor cells.

From 1990 to today he has been carrying out cell cultures and co-cultures of immortalized and non- immortalized human cells .

From 1990 to today he has acquired experience in the field of optical and transmission electron microscopy.

Since 1990, research has focused on the study of cell interactions with plant components and antioxidant and cellular metabolism-regenerating substances.

PATENTS

2023 Inventor and sole owner of **European patent WO 2017/085749 AI** - Notarial deed no. 5602 vol. 1T, Rep. No. 31,141. - Collection no. 12,825

2021 Transfer of sole ownership by resolution of the Board of Directors dated January 14, 2021
of the University of Sassari. (Protocol number: 4126/2021)

2017 **Sole inventor of European patent WO 2017/085749 AI**

AWARDS

2015 Certificate of recognition from the University of Sassari of **PHA.RE.CO** as a non-participating spin -off.

AWARDS

2013 – Sole Director of PHARECO srl – Mandatory transition from Startup to LLC

2012 - **1st National Prize Italy Camp**
2012 - **7th National Position " LifeScience Sector "** - Bari
the PHA.RE.CO startup

(**PHA** rmaceutical - **RE** search - **CO** smetic) for the Sardinia Region

INSTITUTIONAL TASKS AND EXTERIORS

2024 **Scientific Director** of the LIFEAMNIOS research project, entirely funded by a private individual (MT srl) for the development of the European patent **WO 2017/085749 AI**

2024 **Scientific director** of the Scientific Research and Health Center, for the study of long-lived people in Sardinia located at the Inter-Force Polygon of Perdasdefogu (Ogliastra)

2022 **Sole responsible** for Sardinia for the study of environmental diseases and environmental monitoring, - study on long-lived people, athletes and other Sardinian population - through the use of SDRIVE Artificial Intelligence on behalf of CellWellbeing (USA) in collaboration with the University of Sassari

2021 **Responsible** for the custody and scientific responsibility of Sardinian DNA studies, appointed by the Rector of the University of Sassari, responsible for scientific and collaborative relations with the Blue Zones of the world

2020 **Head** of the Scientific Committee of the Association for the Protection of Ogliastra and Barbagia di Seulo DNA (IOBS)

TASKS UNIVERSITY EDUCATIONAL

2025 Co-tutor : Doctoral School in Life Sciences and Biotechnologies “Epigenetics applied to personal health and well-being” – Project Funded by a Private Company (EPINUTRACELL srl).

2024 Cotutor : Doctoral School in Life Sciences and Biotechnologies – Project Funded by a Private Company (MT srl)

2023 Co-tutor : Doctoral School in Life Sciences and Biotechnologies – Project Funded by a Private Company (PHARECO srl)

2022 Cotutor : Doctoral Course in Biomedical Sciences - Faculty of Biomedical Sciences
Curriculum Medical Physiopathology – A74 e.INS Project

TASKS EXTERNAL EDUCATIONAL

From 2023 to today TEACHER for S-Drive Academy - Clinical approach, Epigenetics, Nutrition, Nutraceutics , Biophysics and Functional Medicine

From 2023 to today TEACHER for the Advanced Training School in Epigenetics, Nutrition and Functional Medicine

This *CV* is prepared for publication in the "Transparent Administration" section of the University's institutional website, in order to ensure compliance with current data protection legislation. The full CV is kept at the offices of the Department that awarded the position.

MOTHER TONGUE ITALIAN

ENGLISH

COMPREHENSION		SPOKE		WRITTEN PRODUCTION
I listen	Reading	Interaction	Oral production	
B1/B2	B1/B2	B1/B2	B1/B2	B1/B2

DIGITAL SKILLS

Information processing	Communication	Content Creation	Safety	Troubleshooting
ADVANCED USER	ADVANCED USER	INTERMEDIATE USER	BASIC USER	INTERMEDIATE USER

PUBLICATIONS

Posadino AM, Maccioccu P. Giordo R., Spissu Y, Ali H. Eid , Barberis A., **Pintus G., Fenu Painters G** . Exploring the Medicinal Potential of Citrus lemon var. pompia Camarda var. nova: From Phytochemicals to Therapeutic Applications . Food Bioscience 2025.

METABOLIC DETERMINANTS IN FIBROMY-ALGIA SYNDROME STUDIED WITH THE EPI-GENETIC METHOD - B. Pische [1,2], A. Scognamillo [2], G. Terziani [3], **G. Fenu Pintori [2]** Project e.INS – [1] Ecosystem Of Innovation For Next Generation Sardinia , PhD School , University of Sassari, Sassari, Italy [2] Department of Biomedical Sciences , University of Sassari, Sassari, Italy [3] Disciplines of Wellness , Saint George School , Brescia, Italy Journal of Pediatric and Neonatal Individualized Medicine, vol. 14, no. 2, 6/8 2025

Caputo C., Falco M., Grimaldi A., Lombardi A., Miceli CC, Cocule M., Montella M., Pompella L., Tirino G., Campione S., Tammaro C., Cossu A., **Fenu Pintori G.** , Maioli M., Coradduzza D., Savarese G., Fico A., Ottaiano A., Conzo G., Tathode MS, Ciardiello F., Caraglia M., De Vita F., Misso G. (2024). Identification of Tissue miRNA Signatures for Pancreatic Ductal Adenocarcinoma. CANCERS, vol. 16, ISSN: 2072-6694, doi : 10.3390/cancers16040824

Ramli , Iman, Cheriet , Thamere , Thuan , Duong Thi Bich , Khoi , Dang Ngoc , Thu , Doan Nguyen Khanh , Posadino , Anna Maria, **Fenu Pintori , Grazia** , Sharifi-Rad , Javad , Pintus , Gianfranco (2024). Potential applications of antofine and its synthetic derivatives in cancer therapy : structural and molecular insights . NAUNYN-SCHMIEDEBERG'S ARCHIVES OF PHARMACOLOGY, ISSN: 0028-1298, doi : 10.1007/s00210-024-03180-x

Ramli I., Posadino AM, Giordo R., **Fenu G.** , Fardoun M., Iratni R., Ali H. Eid , Zayed H., Pintus G* . Effect of resveratrol on pregnancy , prenatal complications , and pregnancy-associated structure alterations . Antioxidants 2023, 12, 341. https://doi.org/10.3390/antiox12020341 .

Posadino AM ., Maccioccu P., Ali H. Eid , Giordo R., Pintus G., **Fenu Pintori G** . Citrus lemon var. pompia Camarda var. nova: A Comprehensive Review of Its Botanical Characteristics , Traditional Uses , Phytochemical Profile , and Potential Health Benefits . Nutrients 2024, 16(16), 2619; PMID: 39203756 PMCID: PMC11357429. https://doi.org/10.3390/nu16162619 .

Ramli I., Thamere Cheriet , Posadino AM, Giordo R., **Fenu Pintori G.** , Nwachukwu KC , Oyewole OA , Adetunji CO , Calina D., Sharifi-Rad J., Pintus G. Modulating the p53-MDM2 pathway : The therapeutic potential of natural compounds in cancer treatment. EXCLI Journal 2024. 2024;23:1397-1439 – ISSN 1611-2156. DOI: https://doi.org/10.17179/excli2024-7791 .

Epigenetics Factors Influencing Longevity : A Preliminary Study
B. Pische [2], AM Posadino [2], P. Maccioccu [2], V. Tanca [2], G. Terziani [3], **G. Fenu Pintori [2]** University

of Sassari, Sassari, Italy eISSN : 2281-0692 Journal of Pediatric and Neonatal Individualized Medicine 2024;13(2): e130211 doi : 10.7363/130211 Published online: 2024 Oct 25

A citrus fruit in the history of Sardinia: *Citrus lemon* var. *pompia* Camarda var. nova
I. Camarda [1], P. Mazzola [2], A. Brunu [1], **G. Fenu Pintori** [3], G. Lombardo [4] & F. Palla [4]
[1] Department of Agriculture, University of Sassari. [2] Pietro Mazzola: Department of Agricultural and Forestry Sciences, University of Palermo. [3] Department of Biomedical Sciences , University of Sassari. [4] STEBICEF Department / Section of Botany and Plant Ecology, University of Palermo.
Quad. Bots. Amb . Appl ., 24 (2013): 109-118.
NB: Work not indexed, published in a botanical journal for the recognition of Pompia

NOTE on the chronology: CURRENTLY NO PUBLICATION IS PRESENT ON THE SUBJECT MATTER OF PATENT WO 2017/085749 AI: THE RESEARCH IS IN DEVELOPMENT PHASE WITH STAGES CURRENTLY NOT PUBLISHABLE

Mazzarello , Vittorio Lorenzo, Farace F, Ena , Pasquale, **Fenu Pintori Grazia** , Mulas P, Piu L, RUBINO, Corrado (2012). A superficial texture analysis of 70% glycolic acid topical therapy and striae distensae . PLASTIC AND RECONSTRUCTIVE SURGERY, vol. 129, p. 589e-590e, ISSN: 0032-1052, doi : 10.1097/PRS.0b013e3182419c40

Porzionato A, **FENU PINTORI, Grazia** , Rucinski M, Macchi V, MONTELLA, Andrea Costantino Mario, Malendowicz LK, De Caro R. (2011). KISS1 and KISS1R expression in the human and rat carotid body and superior cervical ganglion . EUROPEAN JOURNAL OF HISTOCHEMISTRY, vol. 55, p. 78-81, ISSN: 1121-760X, doi : 10.4081/ ejh .2011.e14

Montella , Andrea Costantino Mario, Portioned , Andrea, **Fenu Pintori Grazia** , Ruciński , Marcin , Macchi, Veronica, Malendowicz , Ludwik K., De Caro, Raffaele. (2011) KISS1 and KISS1R expression in the human and rat . carotid body and superior cervical ganglion . EUROPEAN JOURNAL OF HISTOCHEMISTRY, vol. 55:e14, p. 78-81, ISSN: 2038-8306, doi : 10.4081/ ejh .2011.e14

FENU PINTORI, Grazia , A. Carai , M. Foddai , E. Azara , S. Careddu , USAI, Marianna (2010). Composition and seasonal variation of Citrus monstroosa essential oil from Sardinia . THE INTERNATIONAL JOURNAL OF ESSENTIAL OIL THERAPEUTICS, vol. 4, p. 23-25, ISSN: 1961-4209

FENU PINTORI, Grazia , Carai A, MONTELLA, Andrea Costantino Mario, BOZZO, Corrado Pasquale, Delehaye E, Meloni F, FODDAI, Marzia (2010). Effects of isotonic salt-bromine-iodine thermal water after sinunasal surgery : a preliminary morphological study . JOURNAL OF ALTERNATIVE AND COMPLEMENTARY MEDICINE, vol. 16, p. 341-343, ISSN: 1075-5535, doi : 10.1089/ acm .2009.0327

CAAI A, **FENU PINTORI, Grazia** , SECHI E, CROTTI FM, MONTELLA, Andrea Costantino Mario (2009). Anatomical variability of the lateral femoral cutaneous nerve : findings from a surgical series . CLINICAL ANATOMY, vol. 22, p. 365-370, ISSN: 0897-3806

FENU PINTORI, Grazia , FODDAI, Marzia, CARAI A, PIRINO, Alessio, USAI, Marianna (2008). Therapeutic properties of myrtle essential oil: an in vitro study on human nasal mucosa cells . THE INTERNATIONAL JOURNAL OF ESSENTIAL OIL THERAPEUTICS, vol. 2, p. 21-25, ISSN: 1961-4209

FENU PINTORI, Grazia , DORE S, SOTGIU, Maria Alessandra, CARTA A, MONTELLA, Andrea Costantino Mario (2007). Are hyalocytes deriving from monocytic origin cells ? A morphological and immunocytochemical study . EUROPEAN JOURNAL OF HISTOCHEMISTRY, vol. 49, ISSN: 1121-760X

Farris , Emmanuele , **Fenu , Grazia** , Mattana, Efisio , Mulè , Paolo, Filigheddu , Rossella Speranza,

Bacchetta, Gianluigi. (2007) A Contribution to the Knowledge of the Laurus Woods nobilis L. from Sardinia, a priority habitat under Directive 92/43/EEC. PHYTOSOCIOLOGY, vol. 44, pp. 239-244, ISSN: 1125-9078

BOZZO, Corrado Pasquale, **FENU PINTORI, Grazia** , F. Stomeo , MELONI, Francesco, M. Cau , MONTELLA, Andrea Costantino Mario (2005). Cytomorphologic and ultrastructural study of nasal mucosa by means of brushing : a comparison between asymptomatic and rhinitic subjects . RHINOLOGY, vol. 43, p. 261-265, ISSN: 0300-0729

FENU PINTORI Grazia , DEVILLA L, MURA M. A, CARTA F, MONTELLA, Andrea Costantino Mario (2005). Immunohistochemical data on the human vitreous cells . EUROPEAN JOURNAL OF HISTOCHEMISTRY, vol. 49, ISSN: 1121-760X

FENU PINTORI Grazia , MAZZARELLO V, CECCHINI A, MONTELLA, Andrea Costantino Mario (2004). Lymphocytes in schizophrenic patients under therapy : serological , morphological and cell subset findings . ITALIAN JOURNAL OF ANATOMY AND EMBRYOLOGY, vol. 109, p. 177-188, ISSN: 1122-6714

S. Pacini , L. Giovannelli , M. Gulisano , B. Peruzzi , G. Polli, V. Bo, M. Ruggiero, BOZZO, Corrado Pasquale, F. Stomeo , **FENU PINTORI Grazia** , S. Pezzatini , V. Pi, P. Dolara (2003). Association between atmospheric ozone levels and damage to human nasal mucosa in Florence , Italy. ENVIRONMENTAL AND MOLECULAR MUTAGENESIS, vol. 42, p. 127-135, ISSN: 1098-2280

SBERNARDORI MC, **FENU PINTORI Grazia** , FABBRICIANI C, PIRINO, Alessio, MONTELLA, Andrea Costantino Mario (2000). Histogenesis and morphology of the flexor tendon pulley system in the human embryonic hand . JOURNAL OF HAND SURGERY, vol. 25, p. 175-179, ISSN: 0363-5023

CONFERENCES
the most recent

- 2025 – Speaker for the event “Longevity, health and territorial valorization” as part of the ceremony to name the Ogliastra Health and Research Center after Prof. Antonio Spanedda (discoverer of the Cephalosporin molecule), Quirra Joint Experimental and Training Range , Perdasdefogu (Ogliastra)

- 2025 – Speaker: 21st International Workshop on Neonatology and Pediatrics & Satellite Meetings “ Evolution and Revolution in Neonatology and Pediatrics ”. “ Metabolic Determinants of Fibromyalgia : An Epigenetic Approach ”, Cagliari

- 2025 – Speaker: Conference on Fibromyalgia : New Studies, Patient Care, and Personalized Therapies. Scientific Communication: "Epigenetics of Longevity as an Innovation in the Treatment of Fibromyalgia Syndrome : Sardinia Becomes a Therapeutic Land," Oristano – Nuoro

- 2025 – Speaker: Conference on Health Promotion, Social Ecology, and Fibromyalgia : Formal and Informal Networking Nodes to Strengthen Social Capital. Scientific Communication: “Epigenetics of Longevity as an Innovation in the Treatment of Fibromyalgia Syndrome : Sardinia Becomes a Therapeutic Land,” Selargius (CA)

- 2025 - Speaker of the presentation “The Epigenetic Revolution for Longevity” ROME (28/29/30 March) International Congress of Biointegrated Medicine

- 2025 – 1st Speaker XXVI International Congress of Functional Medicine, Metabolomics and Environmental Impact “From the Cell to Longevity in the Era of Epigenetics”, Milan

- 2024 – 1st Speaker and Moderator Congress of Epigenetics, Functional Medicine and Metabolomics , Bologna

- 2024 – 1st Speaker at the Conference on Fibromyalgia and Environmental Diseases: The Role of Epigenetics, Cagliari

- 2024 – 1st Speaker for the Association for the Protection of the Ogliastra Identity and Barbagia di Seulo IOBS : Conference on Innovation and Research on Longevity: The New Scientific and Health Research Center - Quirra Joint Forces Range Aeronautica Militare – Perdasdefogu

- 2024 – Speaker: The “Seed” of Sele , 10 years of research of the EcoFoodFertility Project From the Reproductive Crisis to Resilience : A “ One” model Health ” for the Global Wellbeing of the Territory, in the name of sustainability, lifestyle and scientific tourism, Olivetocitra (SA)

- 2023 – 1st Speaker at the "One Hundred Years Together" Conference, Experiential Tourism Days: The Secrets of Longevity, Perdasdefogu *Ogliastra : Events at the RAS Tourism Department*

- 2023 - Spazio Nutrizione Congress, Milan (digital scientific poster)

- 2023 – 1st Speaker Conference - Understanding Longevity Through Sustainable

This *CV* is prepared for publication in the "Transparent Administration" section of the University's institutional website, in order to ensure compliance with current data protection legislation. The full CV is kept at the offices of the Department that awarded the position.

Tourism: Enhancement of Local Cultures and Digital Innovation at the Service of Health - Perdasdefogu

- 2023 – Mentor and designer for the Magie d'Inverno Start-Up of the Future Competition, Nuoro
- 3rd place: “ LWER (Longevity , Wellness , Epigenetic , Research) Biobank ” project made up of population epigenetic factors developed by Artificial Intelligence

- 2023 – Speaker on Pensions Tour: Learning Life from Centenarians for a Healthy Longevity, Cagliari ENPAB

ORGANIZATIONAL SKILLS

Organization and management of:

- Experimental research on amniocytes at the LIFEAMNIOS laboratory for the development of European patent WO 2017/085749 AI

- spin- off of the University of Sassari: experimental laboratory for prototype production, publication writing, doctoral student supervision, and dissertation preparation.

- Organization of the Research and Health Center at the Perdasdefogu Joint Training Range : setting up laboratories dedicated to the study of long-lived people in Ogliastra and Sardinia and organization of dedicated meetings with military personnel and citizens, for the protection of the territory and the environment.

- Application of SDRIVE artificial intelligence to monitor health and the environment in Sardinia: epigenetic testing in healthy, long-lived subjects, athletes, young people, and subjects with fibromyalgia and other metabolic diseases.

Sassari, May 6, 2026 , Grazia Fenu Painters

PERSONAL DATA **I authorize the processing of my personal data pursuant to Legislative Decree 30 June 2003, n. 196 "Personal Data Protection Code** ".