

CURRICULUM VITAE

PERSONAL INFORMATION	
<i>Name</i>	DANIELA FANNI
<i>Position</i>	Full professor of pathology Head of the Unit of Pathology in the University Hospital (AOU Cagliari) Department of Medical Sciences and Public Health University of Cagliari
PROFILE	
<i>Brief description</i>	Daniela Fanni graduated and specialized in Pathology at the Medical School of the University of Cagliari (Italy) and achieved the PhD degree in Molecular and Experimental Oncology at the University of Pisa (Italy). Currently, she works at the University Hospital of Cagliari, where she is the Director of the Pathology Unit and is involved either in routine diagnosis, in didactic programs, and in research projects. She is interested in topics as liver disease, gynecopathy, hematopathology, immunophenotype of human cancers, stem/progenitor cells, development/organogenesis, fetal/perinatal programming. In all these fields she is the author of several original papers.
WORK EXPERIENCE	
<i>(From 2007 – to 2009)</i>	Consultant Pathologist, “Santissima Trinità” Hospital, “ASL8”, Cagliari, Italy
<i>(From 2009 – to 2020)</i>	Consultant Pathologist, University Hospital “San Giovanni di Dio”, Cagliari, Italy
<i>(From 2020 – to 2023)</i>	Associate Professor of Pathology – University of Cagliari
<i>(From 2020 – to 2024)</i>	Director, Pathology Residency Program
<i>(From 2023 – to date)</i>	Full Professor of Pathology – University of Cagliari
EDUCATION	
<i>(From 1992 – to 2000)</i>	School of Medicine, University of Cagliari, Cagliari, Italy
<i>(From 2001 – to 2005)</i>	Residency Program in Anatomic Pathology University of Cagliari, Cagliari, Italy
<i>(From 2006 – to 2009)</i>	Ph.D Molecular and experimental Oncology, BIOS School, University of Pisa, Italy
SKILLS	
	<ul style="list-style-type: none"> • Managerial leadership • Teamwork and interpersonal skills • Good in editorial manager programs

LANGUAGES	
	English (C2 - GA Level 3 Certificate in ESOL International)
	French (Elementary)
	Spanish (Elementary)
ACADEMIC ACTIVITY	
	<i>Conferences, Workshops and Seminars</i>
<i>(From 21/10/2014 – to 25/10/2014) T Hotel, Cagliari, Italy</i>	Speaker at the conference "10th INTERNATIONAL WORKSHOP ON NEONATOLOGY The last ten years, the next ten years in Neonatology INTERNATIONAL COURSE ON PERINATAL PATHOLOGY" with two presentations entitled Bronchopulmonary And Drug-related perinatal damage
<i>(From 21/10/2015 – to 25/10/2015) T Hotel, Cagliari, Italy</i>	Speaker at the conference " 11th INTERNATIONAL WORKSHOP ON NEONATOLOGY From the womb to the adult 2nd INTERNATIONAL COURSE ON PERINATAL PATHOLOGY Stem cells: present and future" with two presentations entitled Lung and Liver
<i>(From 19/10/2016 – to 21/10/2016) T Hotel, Cagliari, Italy</i>	Speaker at the conference "12th INTERNATIONAL WORKSHOP ON NEONATOLOGY 10 P Pediatrics: notes for the future 3rd INTERNATIONAL COURSE ON PERINATAL PATHOLOGY Unravelling the misteries of the kidney" with the presentation entitled Interstitial stem/progenitor cells during kidney development
<i>(From 25/10/2017- to 28/10/2017) T Hotel, Cagliari, Italy</i>	Speaker at the conference "13th INTERNATIONAL WORKSHOP ON NEONATOLOGY The power of Epigenetics Twins: identical but different 7th INTERNATIONAL CONFERENCE ON NEONATAL AND PEDIATRIC LABORATORY MEDICINE in collaboration with the International Federation of Clinical Chemistry and Laboratory Medicine (IFCC)" with the presentation entitled The pathologist and twins
<i>(From 22/02/2018 to 23/02/2018) Pavia</i>	Speaker at the conference "AGGIORNAMENTI IN PATOLOGIA OSTEOMIDOLLARE, first meeting of the Italian Group of emoliphopathology (GIE) of SIAPEC" with the presentation of a clinical case
<i>(From 10/04 to 12/04/2019) Sorrento</i>	Speaker at the conference "Il confine tra benigno e maligno dalla morfologia alla patologia molecolare" with the presentation entitled Disordine linfoproliferativo EBV-correlato
<i>(From 24/10/2018- to 27/10/2018) T Hotel, Cagliari, Italy</i>	Speaker at the conference "14th INTERNATIONAL WORKSHOP ON NEONATOLOGY - The revolution of microbiomics Nutrition, bacteria and probiotics in perinatal and pediatric health" 5TH INTERNATIONAL COURSE ON PERINATAL PATHOLOGY (in Italian) "CORRELAZIONI CLINICO-PATOLOGICHE IN ETÀ PERINATALE E PEDIATRICA" with the presentation entitled La steatoepatosi epatica in Pediatria
<i>12/10/2019 Cagliari</i>	Speaker at the conference "Colangite Biliare Primitiva: progressi clinici e terapeutici" with the presentation entitled Anatomia Patologica
<i>21/12/2020 Cagliari</i>	Speaker at the conference "DALLA DIAGNOSI ALLA TERAPIA MEDICA E CHIRURGICA DEI SANGUINAMENTI GENITALI ANOMA with the presentation entitled L'anatomo patologo e la diagnosi differenziale delle patologie endometriali
<i>(29/01/2021) webinar</i>	Speaker at the conference "Update. Sentinel lympho node in gynecologic oncology" with the presentation entitled Pathological findings in endometrial cancer

(9-10/06/2022) Cagliari	Organizer and speaker at the conference "LA MULTIDISCIPLINARIETA' NELLA DIAGNOSTICA EMATOPATOLOGICA"
(12-15/10/2022) Padua	Speaker at the 9 th Italian Congress SIAPEC in the liver section
(27/10/2023 e 17/11/2023) Rome	Faculty at the EXPERT MEETING "La biopsia nelle epatopatie croniche, definizione del percorso paziente e creazione di una rete di patologi su modello regionale "Hub & Spoke"
(30/10/2023) Rome	Speaker at the conference "Carcinomi del fegato: diagnosi differenziale e marcatori molecolari emergenti"
(28-27/06/2024) Cagliari	Faculty at the Conference "Refertazione e diagnosi della placenta: raccomandazioni dall'operatività in sala parto alla comunicazione della diagnosi"
(28/09/2024) Cagliari	Faculty at the conference "EPATOCARCINOMA: APPROCCIO MULTIDISCIPLINARE"
(12/10/2024) Oristano	Speaker at the conference "Up To Date in Ginecopatologia: il carcinoma dell'endometrio"
(24/10/2024) Oristano	Speaker at the conference "Meeting AILD Sardegna"
28/11/2024) Rome	Speaker at the conference "The liver through lens"
	<i>Direction or participation in the activities of a research group at national or international level</i>
(From 09/11/2011 - to 09/11/2012)	Researcher of the Italian CCM Project titled "Carenza congenita di Alfa-1-Antitripsina: possibile modello di Medicina traslazionale su fattori predittivi nell'ambito delle malattie respiratorie ed epatiche croniche in Sardegna"
(From 01/01/2013 - to 01/01/2014)	Researcher of the Italian Tender Project n.16 titled "Lo studio proteomico salivare: strumento innovativo non invasivo per la diagnosi precoce di malattie metaboliche e di predisposizione all'autismo del neonato della Regione Sardegna"
(26/07/2017)	Researcher of the Italian CCM Project titled "AMBIENTE, PROGRAMMAZIONE EPIGENETICA FETALE E PREVENZIONE DELLE PATOLOGIE CRONICHE"
(From 31/12/2020 – to date)	Researcher of the international Working group Gynaecological Pathology of the European Society of Pathology on the villoglandular cervical carcinoma, coordinated by Kay J. Park Chair (Department of Pathology - Memorial Sloan Kettering Cancer Center New York)
(From 31/12/2020 – to date)	Researcher of the international Working group Gynaecological Pathology of the European Society of Pathology on the clear cells cervical carcinoma, coordinated by Kay J. Park Chair (Department of Pathology - Memorial Sloan Kettering Cancer Center New York)
(From 01/01/2021 – to date)	Researcher of the international project titled "Low volume lymph node metastasis in endometrial carcinoma" coordinated by Maryam Shahi (Department of Pathology - Mayo Clinic, Rochester)
(2022)	Researcher of the international project VICTOIUS
(2024)	Researcher of the international project VALMA
	<i>Participation in committees of scientific journals</i>
(From 01/01/2018 – to date)	Editorial board member for Pathology in Frontiers in Medicine

(From 01/01/2018 – to date)	Editorial board member of Journal of Pediatric and Neonatal Individualized Medicine (JPNIM)
(From 01/01/2021 – to date)	Editorial board member of The Open Biomarkers Journal
	<i>Teaching assignments at Phd Research Schools</i>
(From 2020 - to date)	Professor of Pathology in the 6 years unique cycle Master Degree of Medicine and Surgery, University of Cagliari
(From 2021 – to date)	Director, Pathology Residency Program of Pathology, University of Cagliari
(From 01/10/2021- to date)	Teaching member of Ph.D School of “Technology and Innovation Science”, University of Cagliari
PUBLICATIONS 2020-2024	
	<ol style="list-style-type: none"> 1. Lai, M. L., Caschili, J., Baldussu, P., Serra, A., Secci, L., Calò, P. G., ... & Fanni, D. (2024). Papillary thyroid carcinoma presented as a hypercaptant nodule: a case report. <i>Endocrine and Metabolic Science</i>, 15, 100179. 2. Corrias G, Lai E, Ziranu P, Mariani S, Donisi C, Liscia N, Saba G, Pretta A, Persano M, Fanni D, Spanu D, Balconi F, Loi F, Deidda S, Restivo A, Pusceddu V, Puzzone M, Solinas C, Massa E, Madeddu C, Gerosa C, Zorcolo L, Faa G, Saba L, Scartozzi M. Prediction of Response to Anti-Angiogenic Treatment for Advanced Colorectal Cancer Patients: From Biological Factors to Functional Imaging. <i>Cancers (Basel)</i>. 2024 Mar 30;16(7):1364. doi: 10.3390/cancers16071364. PMID: 38611042; PMCID: PMC11011199. 3. Fanni D, Gerosa C, Peiretti M, Mais V, Massa E, Angioni S, Faa G. p16 Block Type Overexpression, p53 Wild Type Reactivity, and Cervical Involvement do not Always Exclude the Diagnosis of Primary Endometrial Squamous Cell Carcinoma (PESCC). <i>Int J Gynecol Pathol</i>. 2024 Mar 1;43(2):200-201. doi: 10.1097/PGP.0000000000000970. Epub 2023 Aug 10. PMID: 37562058. 4. Fanni D, Gerosa C, Serra G, Miglianti M, Coghe F, Van Eyken P, Faa G, La Nasa G, Guido M. Autoimmune liver disease triggered by SARS-CoV-2: a case report and review of the literature. <i>Eur Rev Med Pharmacol Sci</i>. 2024 Feb;28(4):1632-1638. doi: 10.26355/eurrev_202402_35493. PMID: 38436196. 5. Ziranu P, Pretta A, Pozzari M, Maccioni A, Badiali M, Fanni D, Lai E, Donisi C, Persano M, Gerosa C, Puzzone M, Bardanzellu F, Ambu R, Pusceddu V, Dubois M, Cerrone G, Migliari M, Murgia S, Spanu D, Pretta G, Aimola V, Balconi F, Murru S, Faa G, Scartozzi M. CDX-2 expression correlates with clinical outcomes in MSI-H metastatic colorectal cancer patients receiving immune checkpoint inhibitors. <i>Sci Rep</i>. 2023 Mar 16;13(1):4397. doi: 10.1038/s41598-023-31538-3. PMID: 36928082; PMCID: PMC10020482. 6. Mais, V., Peiretti, M., Fanni, D., Fais, M. L., Carboni, G., Deo, G., ... & Angioni, S. (2023). Preoperative Biomarkers to Predict Resectability of Patients with Ovarian Cancer. In <i>Ovarian Cancer: The “Gynaecological Challenge” from</i>

	<p>Diagnostic Work-Up to Cytoreduction and Chemotherapy. (Vol. 1, pp. 59-74). Nova Science Publishers, Inc.</p> <p>7. Stolnicu S, Brito MJ, Karpathiou G, Hoang L, Felix A, Mateoiu C, Fanni D, Reques A, Garcia A, Hardisson D, Talu CK, Furtado A, Abu-Rustum N, Soslow RA, Park KJ. Villoglandular Pattern in HPV-associated Endocervical Adenocarcinoma is Associated With Excellent Prognosis: A Reappraisal of 31 Cases Using IECC and Silva Pattern Classification. <i>Int J Gynecol Pathol.</i> 2023 May 1;42(3):270-277. doi: 10.1097/PGP.0000000000000916. Epub 2022 Nov 15. PMID: 36508680; PMCID: PMC10163996.</p> <p>8. Onnis C, Muscogiuri G, Cademartiri F, Fanni D, Faa G, Gerosa C, Mannelli L, Suri JS, Sironi S, Montisci R, Saba L. Non-invasive coronary imaging in elderly population. <i>Eur J Radiol.</i> 2023 May;162:110794. doi: 10.1016/j.ejrad.2023.110794. Epub 2023 Mar 22. PMID: 37001255.</p> <p>9. Gerosa C, Cerrone G, Suri JS, Aimola V, Cau F, Coni P, Piras M, Cau R, Balestrieri A, Scano A, Orrù G, Van Eyken P, La Nasa G, Coghe F, Castagnola M, Gibo Y, Fanni D, Saba L. The human carotid atherosclerotic plaque: an observational review of histological scoring systems. <i>Eur Rev Med Pharmacol Sci.</i> 2023 Apr;27(8):3784-3792. doi: 10.26355/eurrev_202304_32179. PMID: 37140327.</p> <p>10. Cau R, Mantini C, Monti L, Mannelli L, Di Dedda E, Mahammed A, Nicola R, Roubil J, Suri JS, Cerrone G, Fanni D, Faa G, Carriero A, Scuteri A, Francone M, Saba L. Role of imaging in rare COVID-19 vaccine multiorgan complications. <i>Insights Imaging.</i> 2022 Mar 14;13(1):44. doi: 10.1186/s13244-022-01176-w. PMID: 35286509; PMCID: PMC8919150.</p> <p>11. Mais V, Fais ML, Peiretti M, Fanni D, Massa E, Carboni G, Fais G, Deo G, Angioni S. HE4 Tissue Expression as A Putative Prognostic Marker in Low-Risk/Low-Grade Endometrioid Endometrial Cancer: A Review. <i>Curr Oncol.</i> 2022 Nov 10;29(11):8540-8555. doi: 10.3390/curroncol29110673. PMID: 36354733; PMCID: PMC9689414.</p> <p>12. Littera R, Perra A, Miglianti M, Piras IS, Mocci S, Lai S, Melis M, Zolfino T, Balestrieri C, Conti M, Serra G, Figorilli F, Firinu D, Onali S, Matta L, Porcu C, Pes F, Fanni D, Manieli C, Vacca M, Cusano R, Trucas M, Cipri S, Tranquilli S, Rassu S, Cannas F, Carta MG, Kowalik MA, Giuressi E, Faa G, Chessa L, Giglio S. The double-sided of human leukocyte antigen-G molecules in type 1 autoimmune hepatitis. <i>Front Immunol.</i> 2022 Oct 12;13:1007647. doi: 10.3389/fimmu.2022.1007647. PMID: 36311782; PMCID: PMC9597675.</p> <p>13. Piras M, Gerosa C, Congiu T, Cau F, Fanni D, Pichiri G, Coni P, Lachowicz JI, Schirru E, Congia M, Rossino R, Muntoni S, Jaremko M, Piludu M. Toward the renal vesicle: Ultrastructural investigation of the cap mesenchyme splitting process in the developing kidney. <i>J Public Health Res.</i> 2022 Oct 24;11(4):22799036221124076. doi: 10.1177/22799036221124076. PMID: 36310827; PMCID: PMC9597041.</p> <p>14. Manchia M, Zai CC, Fanni D, Faa G. Editorial: Looking for a culprit: The role of environmental co-factors in complex</p>
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- neuropsychiatric disorders. *Front Neurosci.* 2022 Aug 24;16:1000783. doi: 10.3389/fnins.2022.1000783. PMID: 36090269; PMCID: PMC9450854.
15. **Fanni D**, Peiretti M, Mais V, Massa E, Gerosa C, Ledda F, Fais ML, Faa G, Angioni S. PAX8 Positivity, Abnormal p53 Expression, and p16 Negativity in a Primary Endometrial Squamous Cell Carcinoma: A Case Report and Review of the Literature. *Int J Gynecol Pathol.* 2022 Jul 1;41(4):431-435. doi: 10.1097/PGP.0000000000000820. Epub 2021 Aug 23. PMID: 34420026.
 16. Stolnicu S, Karpathiou G, Guerra E, Mateoiu C, Reques A, Garcia A, Bart J, Felix A, **Fanni D**, Gama J, Hardisson D, Bennett JA, Parra-Herran C, Oliva E, Abu-Rustum N, Soslow RA, Park KJ. Clear Cell Carcinoma (CCC) of the Cervix Is a Human Papillomavirus (HPV)-independent Tumor Associated With Poor Outcome: A Comprehensive Analysis of 58 Cases. *Am J Surg Pathol.* 2022 Jun 1;46(6):765-773. doi: 10.1097/PAS.0000000000001863. Epub 2022 Jan 5. Erratum in: *Am J Surg Pathol.* 2022 Sep 1;46(9):1317. PMID: 34985047; PMCID: PMC9106829.
 17. Caocci G, **Fanni D**, Porru M, Greco M, Nemolato S, Firinu D, Faa G, Scuteri A, La Nasa G. Kikuchi-Fujimoto disease associated with hemophagocytic lymphohistiocytosis following the BNT162b2 mRNA COVID-19 vaccination. *Haematologica.* 2022 May 1;107(5):1222-1225. doi: 10.3324/haematol.2021.280239. PMID: 34965702; PMCID: PMC9052929.
 18. Piras M, **Fanni D**, Congiu T, Cau F, Piludu M, Coni S, Coni P, Pichiri G, Orgerie J, Scano A, Orrù G, Gerosa C, Faa G. CD44 is highly expressed in stem/progenitor cells originating the intervertebral discs in the human notochord. *Eur Rev Med Pharmacol Sci.* 2022 Nov;26(22):8502-8507. doi: 10.26355/eurrev_202211_30385. PMID: 36459031.
 19. Cau F, **Fanni D**, Manchia M, Gerosa C, Piras M, Murru R, Paribello P, Congiu T, Coni P, Pichiri G, Piludu M, Van Eyken P, Gibo Y, La Nasa G, Orrù G, Scano A, Coghe F, Saba L, Castagnola M, Faa G. Expression of L1 Cell Adhesion Molecule (L1CAM) in extracellular vesicles in the human spinal cord during development. *Eur Rev Med Pharmacol Sci.* 2022 Sep;26(17):6273-6282. doi: 10.26355/eurrev_202209_29651. PMID: 36111928.
 20. Cau F, Gerosa C, Murru R, Pichiri G, Coni P, Piras M, Scano A, Orrù G, La Nasa G, Coghe F, Castagnola M, Van Eyken P, Saba L, **Fanni D**, Faa G. Interindividual variability in L1CAM expression in the human kidney during development: are there implications for fetal programming of kidney diseases presenting in adulthood? *Eur Rev Med Pharmacol Sci.* 2022 Jun;26(12):4346-4353. doi: 10.26355/eurrev_202206_29073. PMID: 35776035.
 21. Coghe F, **Fanni D**, Gerosa C, Ravarino A, Mureddu M, Cerrone G, Coni P, Pichiri G, Congiu T, Piras M, Cau F, Aimola V, Balestrieri A, Lai E, Manchia M, Scano A, Orrù G, La Nasa G, Van Eyken P, Saba L, Scartozzi M, Castagnola M, Faa G. The role of fetal programming in human carcinogenesis - May the Barker hypothesis explain interindividual variability in susceptibility to cancer insurgence and progression? *Eur Rev Med Pharmacol Sci.* 2022

	<p>May;26(10):3585-3592. doi: 10.26355/eurrev_202205_28854. PMID: 35647840.</p> <p>22. Piras M, Gerosa C, Fanni D, Cau F, Coni P, Murru R, Denotti G, Orrù G, Scano A, Ledda F, Van Eyken P, Coghe F, Faa G, Castagnola M. Acyl-CoA binding protein (ACBP) is highly expressed in the developing human kidney. <i>Eur Rev Med Pharmacol Sci.</i> 2022 May;26(9):3301-3309. doi: 10.26355/eurrev_202205_28749. PMID: 35587082.</p> <p>23. Piras M, Cau F, Manchia M, Paribello P, Saba L, Suri JS, Faa G, Pichiri G, Cerrone G, Scano A, Orrù G, La Nasa G, Coghe F, Castagnola M, Fanni D, Gerosa C. Strong ACE-2 expression in the choroidal vessels: do high choroid plexuses serve as a gateway for SARS-CoV-2 infection on the human brain? <i>Eur Rev Med Pharmacol Sci.</i> 2022 Apr;26(8):3025-3029. doi: 10.26355/eurrev_202204_28633. PMID: 35503602.</p> <p>24. T. CONGIU, D. FANNI, M. PIRAS, C. GEROSA, F. CAU, D. BARCELLONA, et al. Ultrastructural findings of lung injury due to Vaccine-induced Immune Thrombotic Thrombocytopenia (VITT) following COVID-19 vaccination: a scanning electron microscopic study. <i>Eur Rev Med Pharmacol Sci.</i> 2022;26:270–7.</p> <p>25. Lachowicz JI, Pichiri G, Piludu M, Fais S, Orrù G, Congiu T, Piras M, Faa G, Fanni D, Dalla Torre G, Lopez X, Chandra K, Szczepski K, Jaremko L, Ghosh M, Emwas AH, Castagnola M, Jaremko M, Hannappel E, Coni P. Thymosin β4 Is an Endogenous Iron Chelator and Molecular Switcher of Ferroptosis. <i>Int J Mol Sci.</i> 2022 Jan 4;23(1):551. doi: 10.3390/ijms23010551. PMID: 35008976; PMCID: PMC8745404.</p> <p>26. Zanelli M, Loscocco GG, Sabbatini E, Zizzo M, Sanguedolce F, Panico L, Fanni D, Santi R, Caprera C, Rossi C, Soriano A, Cavazza A, Giunta A, Mecucci C, Vannucchi AM, Pileri SA, Ascani S. T-Cell Lymphoblastic Lymphoma Arising in the Setting of Myeloid/Lymphoid Neoplasms with Eosinophilia: LMO2 Immunohistochemistry as a Potentially Useful Diagnostic Marker. <i>Cancers (Basel).</i> 2021 Jun 21;13(12):3102. doi: 10.3390/cancers13123102. PMID: 34205834; PMCID: PMC8234657.</p> <p>27. T. CONGIU, R. DEMONTIS, F. CAU, M. PIRAS, D. FANNI, C. GEROSA, et al. Scanning electron microscopy of lung disease due to COVID-19 – a case report and a review of the literature. <i>Eur Rev Med Pharmacol Sci.</i> 2021;25:7997–8003.</p> <p>28. Saba L, Nardi V, Cau R, Gupta A, Kamel H, Suri JS, Balestrieri A, Congiu T, Butler APH, Gieseg S, Fanni D, Cerrone G, Sanfilippo R, Puig J, Yang Q, Mannelli L, Faa G, Lanzino G. Carotid Artery Plaque Calcifications: Lessons From Histopathology to Diagnostic Imaging. <i>Stroke.</i> 2022 Jan;53(1):290-297. doi: 10.1161/STROKEAHA.121.035692. Epub 2021 Nov 10. PMID: 34753301.</p> <p>29. Ruberto M. F., Piras M. S., Sorbello O., Civolani A., Usai P., Fanni D., et al. Chronic intravascular coagulation in liver cirrhosis predicts a high hemorrhagic risk. <i>Eur Rev Med Pharmacol Sci.</i> 2021;25:5518–24.</p> <p>30. Olianias A, Serrao S, Piras V, Manconi B, Contini C, Iavarone F, Pichiri G, Coni P, Zorcolo L, Orrù G, Messina I, Faa G, Castagnola M, Fanni D, Cabras T. Thymosin β4 and β10 are</p>
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- highly expressed at the deep infiltrative margins of colorectal cancer - A mass spectrometry analysis. *Eur Rev Med Pharmacol Sci.* 2021 Dec;25(23):7285-7296. doi: 10.26355/eurrev_202112_27422. PMID: 34919228.
31. Mauro Giovanni Carta, Daniela **Fanni**, Germano Orrù, Gavino Faa. Commentary: Sleep Disturbance in Bipolar Disorder: Neuroglia and Circadian Rhythms. *Front PSYCHIATRY.* 2021;12:1–2.
 32. Maurizio Nicola D'Alterio, Francesco Scicchitano, Daniela **Fanni**, Gavino Faa, Antonio Simone Laganà, Marco Noventa, et al. Ex vivo myolysis with dual wavelengths diode laser system: Macroscopic and histopathological examination. *Clin Exp Obstet Gynecol.* 2021;48:875–82.
 33. Marongiu F, Ntoukas DM, Barberini L, Ruberto MF, Piras MS, Conti M, Di Martino ML, Mura M, Marongiu S, Vannini ML, Lillu M, Piras M, **Fanni** D, Fenu L, Porcu C, Barcellona D, Faa G, Congiu T. Clot characterization by multidisciplinary approach: biochemical and imaging parameters in a hypocoagulative setting. A pilot study. *J Public Health Res.* 2021 May 25;10(4):jphr.2021.2358. doi: 10.4081/jphr.2021.2358. PMID: 34036778; PMCID: PMC9136229.
 34. Marongiu F, Grandone E, Scano A, Orrù G, Marongiu S, Gerosa C, **Fanni** D, Faa G, Barcellona D. Infectious agents including COVID-19 and the involvement of blood coagulation and fibrinolysis. A narrative review. *Eur Rev Med Pharmacol Sci.* 2021 May;25(10):3886-3897. doi: 10.26355/eurrev_202105_25956. PMID: 34109597.
 35. M. PIRISI, C. RIGAMONTI, S. D'ALFONSO, M. NEBULONI, D. **FANNI**, C. GEROSA, et al. Liver infection and COVID-19: the electron microscopy proof and revision of the literature. *Eur Rev Med Pharmacol Sci.* 2021;25:2146–51.
 36. Gerosa C., **Fanni** D., Cau F., Ravarino A., Senes G., Demontis R., et al. Immunohistochemical findings in the lungs of COVID-19 subjects: Evidence of surfactant dysregulation. *Eur Rev Med Pharmacol Sci.* 2021;25:4639–43.
 37. Gerosa C., Faa G., **Fanni** D., Manchia M., Suri J. S., Ravarino A., et al. Fetal programming of COVID-19: May the barker hypothesis explain the susceptibility of a subset of young adults to develop severe disease? *Eur Rev Med Pharmacol Sci.* 2021;25:5876–84.
 38. Gerosa C, Faa G, **Fanni** D, Cerrone G, Suri J S, Barcellona D, et al. Fetal programming of atherosclerosis: may the barker hypothesis explain the susceptibility of a subset of patients to develop stroke or cardiac infarct? *Eur Rev Med Pharmacol Sci.* 2021;25:6633–41.
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