

Allegato B

CLAUDIA DE VITIS Curriculum Vitae

Rome
05/10/2023

Part I – General Information

Full Name	Claudia De Vitis
Date of Birth	
Place of Birth	
Citizenship	
Permanent Address	
Mobile Phone Number	
E-mail	
Spoken Languages	

Part II – Education

Type	Year	Institution	Notes (Degree, Experience,...)
University graduation	2017	Master's degree in medical biotechnology on University of Rome "Tor Vergata"	"Role and regulation of SCD1 in lung cancer stem cells"
Post-graduate studies			
PhD	2018	Experimental Medicine, Department of Clinical and Molecular Medicine, Sapienza University of Rome	"Study of transcriptional regulation of SCD1 in Cancer Stem Cells of lung adenocarcinoma" Classification "Excellent cum laude"
Licensure	2018	University of Study "La Tuscia" Viterbo	Biological License (Qualified as a Professional Biologist)
Specialty	2023	Clinical Pathology and Clinical Biochemistry. Faculty of Medicine and Psychology, Sapienza University of Rome	"Evaluation of driver oncogenes in patients with metastatic lung adenocarcinoma" 70/70

Part III – Appointments

IIIA – Academic Appointments

Start	End	Institution	Position
Nov 2015	Oct 2018	Department of Clinical and Molecular Medicine, Sapienza University of	PhD Student

		Rome	
Dec 2018	Jun 2019	Department of Clinical and Molecular Medicine, Sapienza University of Rome	PhD Fellowship
July 2019	July 2023	Faculty of Medicine and Psychology, Sant'Andrea Hospital, Sapienza University	Specializing in Clinical Pathology
Dec 2022	ongoing	THE WILLIAM HARVEY RESEARCH INSTITUTE. Centre for Translational Medicine and Therapeutics, Queen Mary, University of London.	International visiting fellow

IIIB – Other Appointments / Research Assignments

Start	End	Institution	Position
01/2008	06/2009	IRBM Institute of Molecular Biology, Pomezia, Italy	Research fellow in the project “Cultures of primary cancer cells in human lungs”
02/2009	ongoing	The collaboration established with the Prof J Ziga, Faculty of Pharmacy, University of Ljubljana, Ljubljana, Slovenia	The collaboration directed and led translational themes of research was established to developing the study of neoplastic stem cells (CSC) of lung cancer and identifying of possible targeted therapies.
07/2009	06/2010	Biogem s.c.ar.l. research institute, Ariano Irpino, Italy	Research fellow in the project “Research cultures of tumor cells from pleural effusion”.
07/2010	06/2011	Department of Clinical and Molecular Medicine, Sapienza University of Rome, Italy	Research fellow in the project “Generate and characterize primary cultures in malignant pleural effusions derived cultures from adenocarcinoma of the lung”.
07/2011	06/2013	Magna Graecia University of Catanzaro, Italy	Research fellow in the project “Targeting the HER3 receptor with monoclonal antibodies”.
07/2013	10/2015	I'IRCSS Fondazione “G. Pascale” Napoli, Italy	Research fellow in the project “Targeting the HER3 receptor with monoclonal antibodies”; ed “ERBB3 receptor as a new key player in melanoma progression and establishment of resistance to target therapy”.
11/2018	03/2020	Department of Clinical and Molecular Medicine, Sapienza University of Rome	Research fellow in the project “New immunotherapeutic strategies: study of lung adenocarcinoma stem cells deriving from pleural effusion”.

04/2020	ongoing	Department of Clinical and Molecular Medicine, Sapienza University of Rome	Temporary researcher (RTDA)
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Part IV – Teaching experience

Year	Institution	Lecture/Course
2017-2020	Sapienza University of Rome. Faculty of Medicine and Psychology, Dep. of Clinical and Molecular Medicine, Rome, Faculty Psychology and Medicine, Sant'Andrea	Med46/ Biomedical Laboratory Techniques Assistant Professor
2020-today	Sapienza University of Rome. Faculty of Medicine and Psychology, Dep. of Clinical and Molecular Medicine, Rome ASL Roma 3, Ostia L/SNT1	Med10/ Nursing Science (1CFU)
2020-today	Sapienza University of Rome. Faculty of Medicine and Psychology, Dep. of Clinical and Molecular Medicine, Rome S.Camillo, L/SNT1	Med10/ Nursing Science (1CFU)
2020-today	Sapienza University of Rome. Faculty of Medicine and Psychology, Dep. of Clinical and Molecular Medicine, Rome IFO, L/SNT1	Med10/ Nursing Science (1CFU)
2020-today	Sapienza University of Rome. Faculty of Medicine and Psychology, Dep. of Clinical and Molecular Medicine, Viterbo, ASL Viterbo LM/SNT3	Med10/ Sciences of diagnostic technical health professions (1CFU)
2022-today	Sapienza University of Rome. Faculty of Medicine and Psychology, Dep. of Clinical and Molecular Medicine, Viterbo, ASL Viterbo LM/SNT3	Med46/ Sciences of diagnostic technical health professions (2CFU)
2022-today	Sapienza University of Rome. Faculty of Medicine and Psychology, Dep. of Clinical and Molecular Medicine, Viterbo, ASL Viterbo LM/SNT3	Tutor Med46/ Sciences of diagnostic technical health professions (7CFU)

Public Engagement – “third mission”

2021 today	- PCTO (Paths for Transversal Skills and Orientation) Sapienza University of Rome BIOLAB: “The search begins here” (code 88045)	Tutor Accademic Class “Scienze della Vita”
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Teaching experience, Supervisor /Tutor

2013-2015	- Tutor of bachelor’s degree in biomedical laboratory Technicians L/SNT3, Sapienza University of Rome	“Immunophenotypic characterization of primary lines obtained from neoplastic pleural fluid” Candidate Dr. Debora Fusco
2015-2017	- Tutor of master’s degree in Genetics and Molecular Biology, Sapienza	“Role of the enzyme Stearoyl-CoA-desaturase (SCD1) in primary lung adenocarcinoma

	University of Rome	tumor stem cells". Candidate Dr Sara Bruschini
2017 - 2018	Tutor of master's degree in Genetics and Molecular Biology, Sapienza University of Rome	"Study of new therapeutic strategies to reverse chemoresistance in Glioblastoma Multiforme". Candidate Dr Rosalia Bruno
2017 - 2018	Tutor of bachelor's degree in Biological Sciences L/SNT3, Sapienza University of Rome	"In vitro study of new therapeutic strategies in 3D models of glioblastoma". Candidate Dr Flaminia Pellegrini
2018-2019	Co-supervisor and tutor of bachelor's degree in biomedical laboratory Technicians Sapienza University of Rome	"Study of the gene expression of stemness markers in primary lung adenocarcinoma lines" Candidate Dr. Tommaso Mancuso
2018-2019	Tutor of Degree in Medicine and Psychology Sapienza University	"Study of the functional biological correlations between lung cancer and idiopathic pulmonary fibrosis" Candidate Dr. Lara De Blasi Palma
2018-2019	Co-supervisor and tutor of master's degree in biotechnology, Engineering and Environmental Genomics, Sapienza University of Rome	"Tumor stem cells in lung adenocarcinoma". Candidate Dr Giovanna Mola
2019 - 2020	Thesis supervisor of bachelor's degree in biomedical laboratory Technicians, Faculty of Medicine and Psychology, University of Rome "La Sapienza L/SNT3	"Creation of a database of patients affected by SarsCov-2 infection: epidemiological characteristics, laboratory history". Candidate Dr Carolina Pasquale
2019 - 2020	Co-supervisor and tutor of bachelor's degree in biomedical laboratory Technicians Sapienza University of Rome	"Evaluation of the antitumor activity of Poziotinib in a primary lung adenocarcinoma cell line using mouse models". Candidate Dr Giordana Cafaro
2020-2021	Thesis supervisor of the Specialization course in respiratory diseases of the Faculty of Medicine and Dentistry	"B4GALT1 in idiopathic pulmonary fibrosis and its implications in favouring the tumor microenvironment". Candidate: Dario Pizzorusso
202- 2021	Thesis supervisor of degree in biomedical laboratory Technicians, Faculty of Medicine and Psychology, University of Rome "La Sapienza L/SNT3	"Identification of ENO2 and ALDOC as markers of stemness in lung cancer". Candidate: Dr Sara Caruso
2021-2022	Thesis supervisor of the master's degree course in "Sciences of Diagnostic Technical Health Professions" Faculty of Medicine and Psychology Sapienza University of Rome - A.U.S.L - VITERBO	"Technological resources in Radiology: adequacy, obsolescence or innovation?". Candidate: Lorenzo Ceccarelli
2021-2022	Thesis supervisor of the master's degree course in "Sciences of Diagnostic Technical Health Professions" Faculty of Medicine and	"Impact of COVID-19 on healthcare companies: the P.O. Misericordia di Grosseto of the Local Health Authority of South-East Tuscany". Candidate: Antonio Viscardi

	Psychology Sapienza University of Rome - A.U.S.L - VITERBO	
2022-2023	Thesis supervisor of the master's degree course in "Sciences of Diagnostic Technical Health Professions" Faculty of Medicine and Psychology Sapienza University of Rome - A.U.S.L - VITERBO	"New equipment in radiotherapy: Analysis of performance and quality of treatment". Candidate Francesca Marcelli
2022-ongoing	Thesis supervisor of the master's degree course in "Sciences of Diagnostic Technical Health Professions" Faculty of Medicine and Psychology Sapienza University of Rome - A.U.S.L - VITERBO	"Reorganization of personnel management and new equipment". Candidate Francesca Paris
2022-ongoing	Co-supervisor of Ph.D. student in Experimental Medicine, in Dept Clinical and Experimental Medicine, Sapienza, University of Rome	"Role of inflammation in idiopathic pulmonary fibrosis and progressive pulmonary fibrosis". Candidate Dr.ssa Michela D'Ascanio
2023-ongoing	Co-supervisor of Ph.D. student in Molecular Medicine in Magna Graecia University of Catanzaro, Italy	"Ovarian cancer cells: from iron addiction to ferroptosis vulnerability". Candidate Emanuele Giorgio

Part V - Society memberships, Awards and Honors

Year	Title
2019-Ongoing	Member of the SIRTEPS (Società Italiana di Ricerca Traslazionale e delle Professioni Sanitarie)
2015-Ongoing	Member of the SIBBM (Member of Biophysics and Molecular Biology Italian Society)
2018	Member of the Organization of Scientific Committee BeMM Symposium, University of Rome "Sapienza"
2020 - today	Member of the Editorial Board Frontiers in Oncology (I.F. 5.7)
2020 - today	Member of the European Journal of Pharmacology (I.F. 5.2)
2021 - today	Member of the Reviewer Cancers (I.F. 5.2)
2021 - today	Member of the Reviewer Biomedicines (IF 4.757)
2018	Award ceremony of the LAZIOINNOVA FIRST research project entitled: "New strategies immunotherapeutic study of lung adenocarcinoma stem cells from effusion pleural", at WEGIL, the Lazio Region and Lazio.

Part VI - Funding Information [grants as PI-principal investigator or I-investigator]

Year	Title	Program	Grant value
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Principal Investigator (-PI)			
2020	“SCD1 as a new target therapeutic and predictive biomarker for lipid metabolism in cancer stem cells” Responsabile di Unità	Finalized Research Project for Young Researchers GR 2019-12371365. Unit Manager	
2021	“Comparative transcriptomic and metabolic profiling identification a novel targets of lung Cancer Stem Cells”. - PI	Bando di Ateneo (Progetti piccoli), Sapienza University of Rome	
2022	“Metabolic reprogramming version 2.0: emerging concept to cancer precision medicine to target Cancer Stem Cells” - PI	Bando di Ateneo (Progetti medi), Sapienza University of Rome	
2023	“Ovarian cancer cells: from iron addiction to ferroptosis vulnerability” Responsabile di Unità	PRIN project (Scientific Research Program of National Interest)	
Investigator (-I) or Partecipation			
2012	"A new monoclonal antibody for the treatment of lung tumors" - I	Participation in the POR FESR Lazio project - Regional Operational Plan 2007 - 2013 - Axis I Call CORESEARCH FILAS-CR-2011-1184	
2014	"Role of SCD1 in lung cancer stem cells" - I	Participation in the Project Bando di Ateneo, Sapienza University of Rome	
2015-2018	"Study on Stearoyl CoA Desaturase 1 (SCD1) as a key factor in the initiation of non-small lung cancer tumor cells” - I	Participation in the Project AIRC IG 2015 Project (Italian Association of Cancer Research)	
2017	“Targeting lipid metabolism to increase the immunogenicity of tumor stem cells” - I	Participation in the Project Bando di Ateneo, Sapienza University of Rome	
2018	“Melanoma and lipid metabolism” - I	Participation in the Project Bando di Ateneo, Sapienza University of Rome	
2018-2021	“Neoplastic stem cells and immune evasion in lung adenocarcinoma” - I	Participation in the Project Lazio-Innova project Research Group Projects n. 85-2017-13750	
2019-2021	“Role of YAP/TAZ on transcription regulators in chemo-resistant cancer” - I	Participation in the Project PRIN project (Scientific Research Program of National Interest)	
2019	“Biobanks of primary cultures	Participation in the Project	

	enriched with Lung Cancer Stem Cells (CSC) and adapted immune cells: targeting lipid metabolism and correlates patient risk factors” -I	Bando di Ateneo, Sapienza University of Rome	
2019	“Development of Antibodies and CAR-T for the treatment of HER2/HER3 solid tumors (HERCART)” -I	Participation in the Project MISE (Ministry of Economic Development) Sustainable growth fund - “Life Sciences” application sector 5 co-financing 23% Ministry of Health plus 3% Region Lazio	
2021-2022	“Development of approaches and metrics for evaluation the impact and improvement of prognosis in patients with fragility in the Covid-19 era” -I	Participation in the Project Istituto Buddista Italiano (8X1000) Soka Gakkai Responsabile di Unità	
2021-2023	“Deconvolution of the Microenvironment metastatic lung cancer ed identification of new targets for Immunotherapy”	Participation in the Project Lazio-Innova Research Group Projects n. GeCoWEB A0375-2020-36657	
2020-2025	“Cancer stem cells and lipid metabolism: understanding the role of SCD1 as a therapeutic target and predictive biomarker” -I	Participation in the Project AIRC 2020 project (Italian Association for Cancer Research) Project code: IG24451	
2023-2026	“Rna based therapeutics in cancer: from discovery to pre-clinical studies”. -I	Participation in the Project National Center 3 - Spoke 2” project	
Project Submission			
2023	“Lung cancer: a new combined immunotherapy(4immunogenomics)” Participation in the Project	Lazio-Innova Projects Research Groups	
2023	“Exploring the epigenetic mechanisms underlying resistance to cell death in lung cancer stem cells” -	Bando di Ateneo (Progetti grandi), Sapienza University of Rome	
2023	“Cell metabolism profiling through Seahorse technology: a common key to understand mechanisms of dysregulation and to develop molecular targeted therapies”	Bando di Ateneo (medie attrezzature), Sapienza University of Rome	

Part VII – Research Activities

Keywords

Brief Description

Tumor stem cells (CSC) and identify therapeutic and diagnostic targets.

Study of human tumor biological models of lung cancer and metastatic melanoma in CSC mechanisms. Isolation of primary cell cultures from pleural effusions from which to isolate CSCs and metastatic melanoma lines, show upregulation of the enzyme Stearoyl-CoA Desaturase (SCD1).

SCD1 appears to be involved in tumorigenesis, inhibition can reduce the stemness of 3D models to translational approach.

- Epithelial-to-Mesenchymal Transition (EMT) in Spheroid cultures from malignant pleural effusions”. E. Giarnieri*, **C. De Vitis*** et al. J Cell Physiol. 2012 Dec 18. doi: 10.1002/jcp.24300.

- Pisanu ME, Maugeri-Saccà M, Fattore L, Bruschini S, **De Vitis C**, Tabbì E, Bellei B, Migliano E, Kovacs D, Camera E, Picardo M, Jakopin Z, Cippitelli C, Bartolazzi A, Raffa S, Torrisi MR, Fulciniti F, Ascierio PA, Ciliberto G, Mancini R. “Inhibition of Stearoyl-CoA desaturase 1 reverts BRAF and MEK inhibition-induced selection of cancer stem cells in BRAF-mutated melanoma”. J Exp Clin Cancer Res. 2018 Dec 17;37(1):318. doi: 10.1186/s13046-018-0989-7

- Bruschini S, di Martino S, Pisanu ME, Fattore L, **De Vitis C**, Laquintana V, Buglioni S, Tabbì E, Cerri A, Visca P, Alessandrini G, Facciolo F, Napoli C, Trombetta M, Santoro A, Crescenzi A, Ciliberto G, Mancini R. “CytoMatrix for a reliable and simple characterization of lung cancer stem cells from malignant pleural effusions”. J Cell Physiol. 2020 Mar;235(3):1877-1887. doi: 10.1002/jcp.29121

Please see above for original contributions presented at international and national meetings and below for published papers on this topic

Cellular Biobank

Creation and expansion of a biobank of primary cancer cell lines, with a translational approach characterization of the mutational (NGS) and immunophenotypic profile of each primary cell culture, isolated from a biological sample of oncological patient.

Lipid metabolism of tumor cells and implication in chemoresistance

Regulatory mechanisms of stem cells tumors using “omics” analyses (transcriptomics, proteomics and metabolomics) to identify targets potentially therapeutic and prognostic biomolecular compounds. Role of the enzyme SCD1 in lipid metabolism, in tumor stem cell survival.

- **De Vitis C*** et al. “B4GALT1 Is a New Candidate to Maintain the Stemness of Lung Cancer Stem Cells”. J Clin Med. 2019 doi: 10.3390/jcm8111928.

- Bruschini S, Pallocca M, Sperandio E, D'Ambrosio L, Ascenzi F, **De Vitis C**, Salvati V, Esposito A, Di Martino S, De Nicola F, Paolini F, Fattore L, Alessandrini G, Facciolo F, Foddai ML, Bassi M, Venuta F, D'Ascanio M, Ricci A, D' Andrilli A, Napoli C, Aurisicchio L, Fanciulli M, Rendina EA, Ciliberto G, Mancini R. “Deconvolution of malignant pleural effusions immune landscape unravels a novel macrophage signature associated with worse clinical outcome in lung adenocarcinoma patients”. J Immunother Cancer. 2022 May;10(5):e004239. doi: 10.1136/jitc-2021-004239

- **De Vitis C***, et al. “ALDOC- and ENO2- driven glucose metabolism sustains 3D tumor spheroids growth regardless of nutrient environmental conditions: a multi-omics analysis”. J Exp Clin Cancer Res. 2023 Mar 22;42(1):69. doi: 10.1186/s13046-023-02641-0

Please see above for original contributions presented at international and national meetings and below for published papers on this topic

COVID-19

Epidemiological, clinical and molecular characterization of patients suffering from COVID-19 and cancer patients suffering from COVID-19. Research and development of approaches and metrics to evaluate impact and improve management clinical outcomes of patients with frailty in the

	COVID-19 era. Study of the activated transcriptional mechanisms and the response of molecular respiration in response to infection of the virus in the pulmonary system.
	A Sacconi*, C De Vitis* et al. “Multi-omic approach identifies a transcriptional network coupling innate immune response to proliferation in COVID-19 cancer patients”. J Exp Clin Cancer Res. 2021 Aug 24;40(1):265. doi: 10.1186/s13046-021-02067-6.
	- De Vitis C* , et al. “Opposite Effect of Thyroid Hormones on Oxidative Stress and on Mitochondrial Respiration in COVID-19 Patients”. Antioxidants (Basel). 2022 Oct 8;11(10):1998. doi: 10.3390/antiox11101998.
	- S Sciacchitano; C De Vitis ; et al. “Gene signature and immune cell profiling by high-dimensional, single-cell analysis in COVID-19 patients, presenting Low T3 syndrome and coexistent hematological malignancies” Transl Med. 2021 Apr 1;19(1):139. doi: 10.1186/s12967-021-02805-6.
	Please see above for original contributions presented at international and national meetings and below for published papers on this topic
Chronic pulmonary pathophysiology	Clinical and basic research to investigate target organ damage into the molecular and clinical aspects they may have a translational impact on pathologies of still unknown etiology and therapy.
	- C De Vitis* , et al. “B4GALT1 as a new biomarker of idiopathic pulmonary fibrosis “. Int J Mol Sci. 2022 Nov 30;23(23):15040. doi: 10.3390/ijms232315040.
	- D'Ascanio M, Viccaro F, Pizzirusso D, Guerrieri G, Pagliuca A, Guerrini S, Innammorato M, De Vitis C , Raffa S, Pezzuto A, Ricci A. “Surfactant Protein B Plasma Levels: Reliability as a Biomarker in COPD Patients”. Biomedicines. 2023 Jan 4;11(1):124. doi: 10.3390/biomedicines11010124
	- M Mancini, L Bargiacchi, C De Vitis , M D'Ascanio, C De Dominicis, M Ibrahim, E A Rendina, A Ricci, A Di Napoli, R Mancini, A Vecchione. “Histologic analysis of idiopathic pulmonary fibrosis by morphometric and fractal analysis” Biomedicines 2023, 11(5), 1483;
	Please see above for original contributions presented at international and national meetings and below for published papers on this topic

Part VII – Other

Year

2022	"ALDOC- and ENO2-driven glucose metabolism sustains 3D tumor spheroid growth regardless of nutrient environmental conditions: a multi-omics analysis".	Speaker	2 Annual Meeting of SIRTEPS Società Italiana della Ricerca Traslazionale e le Professioni Sanitarie
2022	“Cometa Project”.	Speaker	“Infectious Disease: the Brain Fog”
2019	“Combined transcription and genome wide chromatin analysis of lung	Speaker	Congresso Società Italiana Anatomia Patologica e Citologia

	Adenocarcinoma 3D spheroids leads to the identification of B4GALT1 as a new factor for cancer stem”.		Diagnostica (SIAPEC-IAP)
2018	“Lung Cancer Stem Cells (CSCs): Study of the transcriptional regulation of Stearoyl CoA”.	Speaker	ABCD, Ph.D. meeting
2013	“Tyrosine-related kinase B is responsible for epithelial to mesenchymal transition in malignant pleural effusions derived cultures from adenocarcinoma of the lung”.	Author	SIBBM Frontiers in Molecular Biology
2016	“Stearoyl-CoA Desaturase regulates lung cancer stemness via stabilization and nuclear localization of YAP/TAZ”.	Author	Molecular Biology SIBBM Seminar
2020	“Combined transcription and genome wide chromatin analysis of lung Adenocarcinoma 3D spheroids leads to the identification of B4GALT1 as a new factor for cancer stem cells”.	Author	5° ACC (Alleanza contro cancro) Annual Meeting
2022	“Multiomic analysis reveals ALDOC and ENO2 as master regulators of cancer stem cells metabolism”.	Author	XVI FISV Congress
2022	“ALDOC- and ENO2-driven glucose metabolism sustains 3D tumor spheroid growth regardless of nutrient environmental conditions: a multi-omics analysis”.	Author	7° ACC (Alleanza contro cancro) Annual Meeting
2023	“Cell specific, dual and time dependent effect of SCD1 inhibition on lung cancer cells metabolism”.	Author	3 Annual Meeting of SIRTEPS Società Italiana della Ricerca Traslazionale e le Professioni Sanitarie

Part VIII – Summary of Scientific Achievements

Product type	Number	Data Base	Start	End
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Papers [international]	41	PubMed	2010	2023
Papers ai fini degli indicatori ANS	35	PubMed	2013	2023

Total Impact factor (year of publication)	190,150
Total Citations	1155
Average Citations per Product	28,17
Hirsch (H) index	20
Papers	41
Normalized H index*	1,53
Mean IF	4,75

*H index divided by the academic seniority.

Part IX– 12 Selected Publications (Maximum number of publications selectable for the evaluation of Merit)

Scopus

EXPORT DATE:04 Oct 2023

1_**De Vitis, C.**, Battaglia, A.M., Pallocca, M., Santamaria, G., Mimmi, M.C., Sacco, A., De Nicola, F., Gaspari, M., Salvati, V., Ascenzi, F., Bruschini, S., Esposito, A., Ricci, G., Sperandio, E., Massacci, A., Prestagiaco, L.E., Vecchione, A., Ricci, A., Sciacchitano, S., Salerno, G., French, D., Aversa, I., Cereda, C., Fanciulli, M., Chiaradonna, F., Solito, E., Cuda, G., Costanzo, F., Ciliberto, G., Mancini, R., Biamonte, F.

ALDOC- and ENO2- driven glucose metabolism sustains 3D tumor spheroids growth regardless of nutrient environmental conditions: a multi-omics analysis

(2023) Journal of Experimental and Clinical Cancer Research, 42 (1), art. no. 69,

DOI: 10.1186/s13046-023-02641-0

DOCUMENT TYPE: Article (**First Name**)

SOURCE: Scopus

Cited 2 times.

IF 2023: 12.658

2_**De Vitis, C.**, D'Ascanio, M., Sacconi, A., Pizzirusso, D., Salvati, V., Mancini, M., Scafetta, G., Cirombella, R., Ascenzi, F., Bruschini, S., Esposito, A., Castelli, S., Salvucci, C., Teodonio, L., Sposato, B., Catizone, A., Di Napoli, A., Vecchione, A., Ciliberto, G., Sciacchitano, S., Ricci, A., Mancini, R.

B4GALT1 as a New Biomarker of Idiopathic Pulmonary Fibrosis

(2022) International Journal of Molecular Sciences, 23 (23), art. no. 15040

DOI: 10.3390/ijms232315040

DOCUMENT TYPE: Article (**First Name**)

SOURCE: Scopus

Cited 1 time.

IF 2022: 5.6

3_**De Vitis, C.**, Capalbo, C., Torsello, A., Napoli, C., Salvati, V., Loffredo, C., Blandino, G., Piaggio, G., Auciello, F.R., Pelliccia, F., Salerno, G., Simmaco, M., Di Magno, L., Canettieri, G., Coluzzi, F., Mancini, R., Rocco, M., Sciacchitano, S.

Opposite Effect of Thyroid Hormones on Oxidative Stress and on Mitochondrial Respiration in COVID-19 Patients

(2022) Antioxidants, 11 (10), art. no. 1998
DOI: 10.3390/antiox11101998
DOCUMENT TYPE: Article (**First Name**)
SOURCE: Scopus
Cited 2 times.
IF 2022: 7.675

4_Bruschini, S., Pallocca, M., Sperandio, E., D'Ambrosio, L., Ascenzi, F., **De Vitis, C.**, Salvati, V., Esposito, A., Di Martino, S., De Nicola, F., Paolini, F., Fattore, L., Alessandrini, G., Facciolo, F., Foddai, M.L., Bassi, M., Venuta, F., D'Ascanio, M., Ricci, A., D'Andrilli, A., Napoli, C., Aurisicchio, L., Fanciulli, M., Rendina, E.A., Ciliberto, G., Mancini, R.
Deconvolution of malignant pleural effusions immune landscape unravels a novel macrophage signature associated with worse clinical outcome in lung adenocarcinoma patients
(2022) Journal for ImmunoTherapy of Cancer, 10 (5), art. no. e004239
DOI: 10.1136/jitc-2021-004239
DOCUMENT TYPE: Article
SOURCE: Scopus
Cited 1 time.
IF 2022: 12.485

5_Sacconi, A*, **De Vitis, C***, de Latouliere, L., di Martino, S., De Nicola, F., Goeman, F., Mottini, C., Paolini, F., D'Ascanio, M., Ricci, A., Tafuri, A., Marchetti, P., Di Napoli, A., De Biase, L., Negro, A., Napoli, C., Anibaldi, P., Salvati, V., Duffy, D., Terrier, B., Fanciulli, M., Capalbo, C., Sciacchitano, S., Blandino, G., Piaggio, G., Mancini, R., Ciliberto, G.
Multi-omic approach identifies a transcriptional network coupling innate immune response to proliferation in the blood of COVID-19 cancer patients
(2021) Cell Death and Disease, 12 (11), art. no. 1019
DOCUMENT TYPE: Article (**Co-First Name**)
SOURCE: Scopus
Cited 3 time.
IF 2021: 9.685

6_**De Vitis, C.**, Corleone, G., Salvati, V., Ascenzi, F., Pallocca, M., De Nicola, F., Fanciulli, M., Di Martino, S., Bruschini, S., Napoli, C., Ricci, A., Bassi, M., Venuta, F., Rendina, E.A., Ciliberto, G., Mancini, R.
B4GALT1 is a new candidate to maintain the stemness of lung cancer stem cells
(2019) Journal of Clinical Medicine, 8 (11), art. no. 1928
DOI: 10.3390/jcm8111928
DOCUMENT TYPE: Article (**First Name**)
SOURCE: Scopus
Cited 10 time.
IF 2019: 5.688

7_Pisanu, M.E., Noto, A., **De Vitis, C.**, Morrone, S., Scognamiglio, G., Botti, G., Venuta, F., Diso, D., Jakopin, Z., Padula, F., Ricci, A., Mariotta, S., Giovagnoli, M.R., Giarnieri, E., Amelio, I., Agostini, M., Melino, G., Ciliberto, G., Mancini, R.
Blockade of Stearoyl-CoA-desaturase 1 activity reverts resistance to cisplatin in lung cancer stem cells
(2017) Cancer Letters, 406, pp. 93-104
DOI: 10.1016/j.canlet.2017.07.027
DOCUMENT TYPE: Article
SOURCE: Scopus
Cited 88 time.
IF 2017: 6.508

8_Noto, A., **De Vitis, C.**, Pisanu, M.E., Roscilli, G., Ricci, G., Catizone, A., Sorrentino, G., Chianese, G., Tagliatalata-Scafati, O., Trisciuglio, D., Del Bufalo, D., Di Martile, M., Di Napoli, A., Ruco, L., Costantini, S., Jakopin, Z., Budillon, A., Melino, G., Del Sal, G., Ciliberto, G., Mancini, R.

Stearoyl-CoA-desaturase 1 regulates lung cancer stemness via stabilization and nuclear localization of YAP/TAZ

(2017) Oncogene, 36 (32), pp. 4573-4584.

DOI: 10.1038/onc.2017.75

DOCUMENT TYPE: Article

SOURCE: Scopus

Cited 116 time.

IF 2017: 6.854

9_Roscilli, G., **De Vitis, C.**, Ferrara, F.F., Noto, A., Cherubini, E., Ricci, A., Mariotta, S., Giarnieri, E., Giovagnoli, M.R., Torrisi, M.R., Bergantino, F., Costantini, S., Fenizia, F., Lambiase, M., Aurisicchio, L., Normanno, N., Ciliberto, G., Mancini, R.

Human lung adenocarcinoma cell cultures derived from malignant pleural effusions as model system to predict patients chemosensitivity

(2016) Journal of Translational Medicine, 14 (1), art. no. 61

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Avvertenza: il presente allegato costituisce uno schema-tipo, nel quale sono indicate alcune voci a mero titolo esemplificativo. Pertanto, il presente modello di *curriculum vitae* può essere modificato/integrato dal candidato adattandolo alle peculiarità della propria attività scientifico-professionale

Roma, 05/10/2023

