

CURRICULUM VITAE

PERSONAL INFORMATION

SURNAME	GRISTINA
NAME	VALERIO

QUALIFICATIONS

ACADEMIC DEGREES, PHD OR EQUIVALENT, OR, FOR RELEVANT SECTORS, MEDICAL SPECIALIZATION DIPLOMA OR EQUIVALENT, OBTAINED IN ITALY OR ABROAD.

Title: Tenure Track Assistant Professor of Medical Oncology [(RTT SSD MEDS-09/A (formerly MED/06)] (Current Position)

Institution: Department of ME.PRE.C.C. (formerly Di.Chir.On.S), University of Palermo, Italy

Date: 01/04/2025 – Present

Title: National Scientific Qualification as Associate Professor in the Academic Recruitment Field 06/D3 - Hematology, Oncology, and Rheumatology (II Tier - First Quadrimester)

Institution: MIUR [<https://asn23.cineca.it/pubblico/miur/esito-abilitato/06%2FD3/2/1>]

Date: 02/07/2024 – Present

Title: Medical Oncology Consultant (Current Position)

Institution: UOC Medical Oncology, AOUP Paolo Giaccone, University of Palermo, Italy

Date: 01/02/2022 – 20/12/2024; 01/05/2025 – Present

Title: Promoter and Scientific Coordinator of the Integrated Care Pathway for Lung Cancer

Institution: AOUP Paolo Giaccone, Palermo, Italy

Date: 01/05/2025 – Present

Title: Fixed-Term Researcher of Medical Oncology [(RTDA SSD MEDS-09/A, formerly MED/06)]

Institution: Department of ME.PRE.C.C. (formerly Di.Chir.On.S), University of Palermo, Italy

Date: 21/12/2021 – 20/12/2024

Title: Managerial and Economic Training for Italian Centers of Excellence in Oncology

Institution: SDA Bocconi School of Management, Milan, Italy

Date: 28 May 2024, 7-17-18-26 June 2024

Title: Good Clinical Practice Compliance Training Certificate

Institution: ICH Good Clinical Practice E6 (R2)

Date: 31 July 2023

Title: Good Clinical Practice Compliance Training Certificate

Institution: ICH Good Clinical Practice E6 (R2)

Date: 15 February 2021

Title: Good Clinical Practice Compliance Training for HCPs V2.0 Certificate

Institution: ICH Good Clinical Practice E6 (R2)

Date: 18 December 2017

Title: PhD in Experimental Oncology and Surgery (34th Cycle)

Institution: University of Palermo, Italy

Date: 19/03/2019 – 26/10/2022

Title: Medical Oncology Specialist with a final grade of 50/50 cum laude and thesis commendation

Institution: University of Palermo, Italy

Date: 11/02/2020 – Present

Title: Medical Doctor License (Ordine dei Medici e degli Odontoiatri di Palermo)

Institution: University of Palermo, Italy

Date: 04/10/2012 – Present

Title: Master's Degree in Medicine and Surgery with a final grade of 110/110, cum laude, and nomination for the Rotolo Award

Institution: Faculty of Medicine and Surgery, University of Palermo, Italy

Date: 25/03/2012

Title: High School Diploma in Classical Studies with a final grade of 100/100

Institution: Liceo Classico Vittorio Emanuele II, Palermo, Italy

Date: 2005

METRICS (SCOPUS)

Documents: 70 | Citations: 1,268 | H-index: 20

SCIENTIFIC PUBLICATIONS (FULL TEXT)

1. Co-first author

Andrea Gottardo, **Valerio Gristina**, Alessandro Perez, Emilia Di Giovanni, Silvia Contino, Nadia Barraco, Marco Bono, Giuliana Ianni, Ugo Randazzo, Tancredi Didier Bazan Russo, Federica Iacono, Lorena Incorvaia, Giuseppe Badalamenti, Antonio Russo, Antonio Galvano, Viviana Bazan. (2024). Roles of Tumor-Educated Platelets (TEPs) in the biology of Non-Small Cell Lung Cancer (NSCLC): A systematic review. “Re-discovering the neglected biosources of the liquid biopsy family”. Journal of Liquid Biopsy. 2024 Mar;3:100136. doi: 10.1016/j.jlb.2024.100136.

2. First author

Valerio Gristina, Tancredi Didier Bazan Russo, Nadia Barraco, Andrea Gottardo, Francesco Pepe, Gianluca Russo, Fabio Fulfarò, Lorena Incorvaia, Giuseppe Badalamenti, Giancarlo Troncone, Umberto Malapelle, Antonio Russo, Viviana Bazan, Antonio Galvano. (2024). Clinical utility of ctDNA by amplicon based next generation sequencing in first line non small cell lung cancer patients. Scientific Reports. 2024 Sep 27;14:22141. doi: 10.1038/s41598-024-73046-y.

3. Middle author

Tancredi Didier Bazan Russo, Francesco Pepe, **Valerio Gristina**, Andrea Gottardo, Gianluca Russo, Claudia Scimone, Lucia Palumbo, Giulia Busuito, Lorena Incorvaia, Juliette Aimee Guerry, Antonio Galvano, Giuseppe Badalamenti, Viviana Bazan, Giancarlo Troncone, Antonio Russo, Umberto Malapelle. (2025). Recent advances in liquid biopsy for precision oncology: emerging biomarkers and clinical applications in lung cancer. Future Oncology. 2025 Aug 5;21(21):2803-2821. doi: 10.1080/14796694.2025.2542051.

4. Middle author

Lorena Incorvaia, Mattia Puglisi, Marco Maruzzo, Giulia Mammone, Orazio Caffo, Giuseppe Procopio, Lorenzo Antonuzzo, Mimma Rizzo, Vincenza Conteduca, Carlo Messina, Sarah Scagliarini, Brigida Maiorano, Matteo Santoni, Gaetano Facchini, Helga Lipari, Luigi Formisano, Marco Stellato, Umberto Basso, Sabrina Rossetti, Eleonora Lai, Carlo Carmelo Arcara, Enrico Bronte, Tancredi Didier Bazan Russo, Giovanni Colletta, **Valerio Gristina**, Francesco Pepe, Umberto Malapelle, Daniele Santini, Ilaria Depetris, Massimo Di Maio, Giuseppe Badalamenti, Sergio Bracarda, Antonio Russo. (2025). Homologous recombination repair genetic testing variables and diagnostic paths for prostate cancer patients: a multicenter cohort study. *The Oncologist*. 2025 Dec;30(12):oyaf395. doi: 10.1093/oncolo/oyaf395.

5. Middle author

Francesco Felicetti, Rossella Mazzilli, Stefania Gori, Marco Gallo, Alessio Cortellini, Stella D'Oronzo, **Valerio Gristina**, Antonella Argentiero, Riccardo Candido, Marzia Del Re, Stefano Fogli, Tindara Franchina, Dario Giuffrida, Giampiero Marino, Matteo Monami, Monica Montagnani, Lelio Morviducci, Annalisa Natalicchio, Alberto Ragni, Valerio Renzelli, Laura Sciacca, Enzo Tuveri, Francesco Giorgino, Matteo Verzé, Maria Chiara Zatelli, Emanuela Arvat, Francesco Perrone, Fabrizio Stracci, Gianluca Aimaretti, Angelo Avogaro, Raffaella Buzzetti, Nicola Silvestris, Antongiulio Faggiano. (2026). Late endocrine-metabolic complications in survivors of young adult and adult-onset cancers: comprehensive evaluation and strategies for management. An Italian Association of Medical Oncology (AIOM), Italian Association of Medical Diabetologists (AMD), Italian Society of Diabetology (SID), Italian Society of Endocrinology (SIE), Italian Society of Pharmacology (SIF) multidisciplinary critical review. *Journal of Endocrinological Investigation*. 2026;49:709-723. doi: 10.1007/s40618-025-02764-5.

6. Middle author

Giulia Pasello, Claudia Proto, Carlo Genova, Alberto Pavan, Elisa Roca, Gabriele Minuti, Carmine D'Aniello, Raffaele Giusti, Sabrina Mariotti, Francesco Jacopo Romano, Valentina Polo, Lorenzo Belluomini, Editta Baldini, Francesca Mazzoni, Anna Cecilia Bettini, **Valerio Gristina**, Alessandro Russo, Francesco Grossi, Francesca Rita Ogliari, Francesco Gelsomino, Rita Chiari, Emilio Bria, Iacopo Fioroni, Diego Cortinovis, Elio Gregory Pizzutilo, Anna Zanetti, Giuseppe Pasqualetti, Barbara Roncari, Lucia Simoni, Annamaria Catino and the ELBA Study Group. (2026). Real-world description of patients with resected epidermal growth factor receptor mutation positive non-small cell lung carcinoma treated with adjuvant osimertinib in an early access program in Italy: the ELBA observational study. *Frontiers in Oncology*. 16:1724019. doi: 10.3389/fonc.2026.1724019.

7. First author

Valerio Gristina, Umberto Malapelle, Gennaro Daniele, Giovanni Maria Iannantuono, Tancredi Didier Bazan Russo, Rossana Berardi, Giordano Domenico Beretta, Ettore Domenico Capoluongo, Marcello Ciaccio, Romano Danesi, Marzia Del Re, Matteo Fassan, Giuseppe Giuffrè, Stefania Gori, Lorena Incorvaia, Antonio Marchetti, Nicola Normanno, Carmine Pinto, Daniele Santini, Andrea Sartore Bianchi, Nicola Silvestris, Pierosandro Tagliaferri, Giancarlo Troncone, Massimo Di Maio, Francesco Perrone, Antonio Galvano, Christian Rolfo, Antonio Russo. (2026). Liquid biopsy in Oncology: Results of a Delphi consensus study endorsed by the AIOM-SIAPEC/IAP-SIBioC-SIF Italian scientific societies. *Journal of Liquid Biopsy*. 2026 Mar;11:100453. doi: 10.1016/j.jlb.2025.100453.

8. First author

Valerio Gristina, Francesco Pepe, Francesca Rita Ogliari, Tancredi Didier Bazan Russo, Andrea Gottardo, Gianluca Russo, Lorena Incorvaia, Juliette Aimee Guerry, Pasquale Pisapia, Claudia Scimone, Lucia Palumbo, Antonio Galvano, Giuseppe Badalamenti, Viviana Bazan, Giancarlo Troncone, Antonio Russo, Umberto Malapelle. (2025). Smaller, cheaper, faster: where next for liquid biopsies? *Expert Review of Molecular Diagnostics*, 2025

9. Middle author

Medusa P.M.; Carro N.; Morgillo F.; Di Guida G.; Nardone V.; Gilli M.; Viscardi G.; Borrelli C.; Totaro G.; Costanzo R.; Sforza V.; Manzo A.; Esposito G.; Montanino A.; Servetto A.; Salomone F.; Viggiano A.; Ambrosio F.; Di Liello R.; Fabozzi T.; Feliciano S.; Ronga R.; Notizia L.; Russo A.; Motta G.; **Gristina V.**; Spinnato F.; Sergi C.; Buzzacchino F.; Ungaro A.; Del Giudice T.; Montella L.; Tralongo A.C.; Simeon V.; Della Corte C.M.; Vitiello F. (2025). Predictive role of functional respiratory tests in LUNG toxicity in stage III NSCLC treated with chemo-raDIO- and immuno-therapy: PRELUDIO TRIAL. *Lung Cancer*. 2025 Aug;206:108617. doi: 10.1016/j.lungcan.2025.108617.

10. Middle author
Andrea Gottardo, Giulia Bonventre, Tancredi Didier Bazan Russo, Pietro Zanatta, Giulia Lo Monte, **Valerio Gristina**, Antonio Galvano, Antonio Russo, Attilio Ignazio Lo Monte. (2025) Potential Applications of PRP-Enhanced Polybutylene Succinate Graft as Vascular Access for Chemotherapy in Oncological Patients: A Systematic Review. *J Funct Biomater.* 19;16(6):228. doi: 10.3390/jfb16060228.
11. Middle author
L. Incorvaia, C. Marchetti, C. Brando, T. D. Bazan Russo, M. Bono, A. Perez, L. Congedo, R. Ergasti³, L. Castellana, L. Insalaco, S. Contino, **V. Gristina**, A. Galvano, D. Fanale, G. Badalamenti, A. Russo, G. Scambia, V. Bazan. (2025) BRCA functional domains associated with high risk of multiple primary tumors and domain-related sensitivity to olaparib: the Prometheus Study. *ESMO Open*;10(2):104076. doi: 10.1016/j.esmoop.2024.104076.
12. Co-first author
Francesco Pepe, Tancredi Didier Bazan Russo, **Valerio Gristina**, Andrea Gottardo, Giulia Busuito, Giuliana Ianni, Gianluca Russo, Claudia Scimone, Lucia Palumbo, Lorena Incorvaia, Giuseppe Badalamenti, Antonio Galvano, Viviana Bazan, Antonio Russo, Giancarlo Troncone, Umberto Malapelle. (2025) Genomics and the early diagnosis of lung cancer. *Per Med*;22(3):161-170. doi: 10.1080/17410541.2025.2494982
13. Middle author
Simonetta Buglioni, Davide Seminati, Rossella Bruno, Beatrice Casini, **Valerio Gristina**, Elena Guerini-Rocco, Calogero Lauricella, Caterina Marchiò, Maria Iole Natalicchio, Fancesco Pepe, Gloria Pessina, Stefania Scarpino, Giovanni Tallini, Konstantinos Venetis, Umberto Malapelle, Fabio Pagni, Giancarlo Prunerì, Nicola Fusco. (2025) Molecular Testing in Solid Tumors: Best Practices from the Molecular Pathology and Precision Medicine Study Group of the Italian Society of Pathology (PMMP/SIAPeC). *Pathologica* Vol. 117: Issue 2 - Suppl. 1 April 2025
14. First author
Gristina V.; Russo G.; Bazan Russo T.D.; Busuito G.; Ianni G.; Pisapia P.; Scimone C.; Palumbo L.; Incorvaia L.; Badalamenti G.; Galvano A.; Bazan V.; Russo A.; Troncone G.; Malapelle U.; Pepe F. (2024). Recent advances in the use of liquid biopsy for the diagnosis and treatment of lung cancer. *Expert Review of Respiratory Medicine*, doi: 10.1080/17476348.2024.2423824
15. First author
Gristina V.; Pepe F.; Genova C.; Bazan Russo T.D.; Gottardo G.; Russo G.; Incorvaia L.; Galvano A.; Badalamenti G.; Bazan V.; Troncone G.; Russo A.; Malapelle U. (2024) Harnessing the potential of genomic characterization of mutational profiles to improve early diagnosis of lung cancer. *Expert Review of Molecular Diagnostics*, doi: 10.1080/14737159.2024.2403081
16. First author
Gristina V.; Bazan V.; Barraco N.; Taverna S.; Manno M.; Raccosta S.; Carreca A.P.; Bono M.; Bazan Russo T.D.; Pepe F.; Pisapia P.; Incorvaia L.; Badalamenti G.; Troncone G.; Malapelle U.; Santini D.; Russo A.; Galvano A. (2025) On-treatment dynamics of circulating extracellular vesicles in the first-line setting of patients with advanced non-small cell lung cancer: the LEXOVE prospective study. *Molecular Oncology*, doi:10.1002/1878-0261.13737
17. Middle author
Bazan Russo T.D.; Mujacic C.; Di Giovanni E.; Vitale M.C.; Ferrante Bannera C.; Randazzo U.; Contino S.; Bono M.; **Gristina V.**; Galvano A.; Perez A.; Badalamenti G.; Russo A.; Bazan V.; Incorvaia L. (2024). Polθ: emerging synthetic lethal partner in homologous recombination-deficient tumors. *Cancer Gene Therapy*, doi: 10.1038/s41417-024-00815-2
18. Second author
Galvano A.; Gottardo A.; **Gristina V.**; Fanale D.; Corsini L.R.; Pavone C.; Bazan Russo T.D.; Di Giovanni E.; Ianni G.; Randazzo U.; Iacono F.; Perez A.; Brando C.; Bono M.; Bazan V.; Incorvaia L.; Badalamenti G.; Cinieri S.; Boldrini M.; Berardi R.; Russo A. (2024). Scientific Communication and oncology – “The bridge between knowledge and patients”. *Critical Reviews in Oncology/Hematology*, vol. 204, doi: 10.1016/j.critrevonc.2024.104531
19. Last author
Gottardo A.; Russo T.D.B.; Perez A.; Bono M.; Di Giovanni E.; Di Marco E.; Siino R.; Bannera C.F.; Mujacic C.; Vitale M.C.; Contino S.; Ianni G.; Busuito G.; Iacono F.; Incorvaia L.; Badalamenti G.;

- Galvano A.; Russo A.; Bazan V.; **Gristina V.** (2024). Exploring the potential of multiomics liquid biopsy testing in the clinical setting of lung cancer. *Cytopathology*, vol. 35, doi: 10.1111/cyt.13396
20. Middle author
Gottardo A.; Tulone G.; Pavan N.; Fulfaro F.; **Gristina V.**; Bazan Russo T.D.; Prestifilippo O.; Claps F.; Incorvaia L.; Galvano A.; Russo A.; Simonato A. (2024). Applications of Platelet Concentrates (PCs) in Regenerative Onco-Urology: A Systematic Review of Literature. *International Journal of Molecular Sciences*, vol.25, doi: 10.3390/ijms251910683
 21. Middle author
Carreca A.P.; Tinnirello R.; Miceli V.; Galvano A.; **Gristina V.**; Incorvaia L.; Pampalone M.; Taverna S.; Iannolo G. (2024). Extracellular Vesicles in Lung Cancer: Implementation in Diagnosis and Therapeutic Perspectives. *Cancers*, vol. 16, doi: 10.3390/cancers16111967
 22. Co-first author
Incorvaia L.; Bazan Russo T.D.; **Gristina V.**; Perez A.; Brando C.; Mujacic C.; Di Giovanni E.; Bono M.; Contino S.; Ferrante Bannera C.; Vitale M.C.; Gottardo A.; Peri M.; Galvano A.; Fanale D.; Badalamenti G.; Russo A.; Bazan V. (2024). The intersection of homologous recombination (HR) and mismatch repair (MMR) pathways in DNA repair-defective tumors. *npj Precision Oncology*, doi: 10.1038/s41698-024-00672-0
 23. First author
Gristina V.; Eze C. (2024). Editorial: Real-world data and real-world evidence in lung cancer. *Frontiers in Oncology*, doi: 10.3389/fonc.2024.1436077
 24. First author
Gristina V., Malapelle U. (2024). Dissecting the nuances of cancer epigenomics in liquid biopsy. *EPIGENOMICS*, vol. 16, ISSN: 1750-1911, doi: 10.2217/epi- 2023-0326
 25. Middle author
Longo V., Della Corte C. M., Russo A., Spinnato F., Ambrosio F., Ronga R., Marchese A., Del Giudice T., Sergi C., Casaluce F., Gilli M., Montrone M., **Gristina V.**, Sforza V., Reale M. L., Di Liello R., Servetto A., Lipari H., Longhitano C., Vizzini L., Manzo A., Cristofano A., Paoletti L., Nardone A., De Summa S , Perrone A , Bisceglia C , Derosa C, Nardone V, Viscardi G, Galetta D, and Vitiello F. (2024). Consolidative thoracic radiation therapy for extensive-stage small cell lung cancer in the era of first-line chemoimmunotherapy: preclinical data and a retrospective study in Southern Italy. *FRONTIERS IN IMMUNOLOGY*, vol. 14, p. 1-9, ISSN: 1664-3224, doi: 10.3389/fimmu.2023.1289434
 26. First author
Gristina V., Pisapia P., Barraco N., Pepe F., Iacono F., La Mantia M., Peri M., Galvano A., Incorvaia L., Badalamenti G., Bazan V., Troncone G., Russo A., Malapelle U. (2023). The significance of tissue-agnostic biomarkers in solid tumors: the more the merrier?. *EXPERT REVIEW OF MOLECULAR DIAGNOSTICS*, vol. 23, p. 851-861, ISSN: 1473-7159, doi: 10.1080/14737159.2023.2245752
 27. Co-first author
Galvano A.; **Gristina V.**; Scaturro D.; Bazan Russo T.D.; Tomasello S.; Vitagliani F.; Carità F.; La Mantia M.; Fulfaro F.; Bazan V.; Mauro G.L.; Russo A. (2023). The role of bone modifying agents for secondary osteoporosis prevention and pain control in post-menopausal osteopenic breast cancer patients undergoing adjuvant aromatase inhibitors. *FRONTIERS IN ENDOCRINOLOGY*, vol. 14, 1297950, ISSN: 1664-2392, doi: 10.3389/fendo.2023.1297950
 28. Middle author
Incorvaia L.; Dimino A.; Algeri L.; Brando C.; Magrin L.; De Luca I.; Pedone E.; Perez A.; Sciacchitano R.; Bonasera A.; Bazan Russo T.D.; Li Pomi F.; Peri M.; **Gristina V.**; Galvano A.; Giuffrida D.; Fazio I.; Toia F.; Cordova A.; Florena A.M.; Giordano A.; Bazan V.; Russo A.; Badalamenti G. (2023). Body mass index and baseline platelet count as predictive factors in Merkel cell carcinoma patients treated with avelumab. *FRONTIERS IN ONCOLOGY*, vol. 13, ISSN: 2234-943X, doi: 10.3389/fonc.2023.1141500
 29. Middle author
Incorvaia L.; Perez A.; Marchetti C.; Brando C.; **Gristina V.**; Cancelliere D.; Pivetti A.; Contino S.; Di Giovanni E.; Barraco N.; Bono M.; Giurintano A.; Bazan Russo T.D.; Gottardo A.; Cutaia S.; Pedone E.; Peri M.; Corsini L.R.; Fanale D.; Galvano A.; Scambia G.; Badalamenti G.; Russo A.; Bazan V. (2023). Theranostic biomarkers and PARP-inhibitors effectiveness in patients with non-BRCA associated homologous recombination deficient tumors: Still looking through a dirty glass

window? CANCER TREATMENT REVIEWS, vol. 121, 102650, ISSN: 0305- 7372, doi: 10.1016/j.ctrv.2023.102650

30. Middle author

Incorvaia L.; De Biase D.; Nannini M.; Fumagalli E.; Vincenzi B.; De Luca I.; Brando C.; Perez A.; Pantaleo M.A.; Gasperoni S.; D'Ambrosio L.; Grignani G.; Maloberti T.; Pedone E.; Bazan Russo T.D.; Mazzocca A.; Algeri L.; Dimino A.; Barraco N.; Serino R.; **Gristina V.**; Galvano A.; Bazan V.; Russo A.; Badalamenti G. (2023). KIT/PDGFRA Variant Allele Frequency as Prognostic Factor in Gastrointestinal Stromal Tumors (GISTs): Results From a Multi-Institutional Cohort Study. THE ONCOLOGIST, vol. 20, p. 1-11, ISSN: 1083- 7159, doi: 10.1093/oncolo/oyad206

31. Middle author

Santini, Daniele, Botticelli, Andrea, Galvano, Antonio, Iuliani, Michele, Incorvaia, Lorena, **Gristina, Valerio**, Taffon, Chiara, Foderaro, Simone, Paccagnella, Elisa, Simonetti, Sonia, Fazio, Federico, Scagnoli, Simone, Pomati, Giulia, Pantano, Francesco, Perrone, Giuseppe, De Falco, Elena, Russo, Antonio, Spinelli, Gian Paolo (2023). Network approach in liquidomics landscape. JOURNAL OF EXPERIMENTAL & CLINICAL CANCER RESEARCH, vol. 42, 193, ISSN: 1756-9966, doi: 10.1186/s13046-023-02743-9

32. Middle author

Incorvaia L.; Rinaldi G.; Badalamenti G.; Cucinella A.; Brando C.; Madonia G.; Fiorino A.; Pipitone A.; Perez A.; Li Pomi F.; Galvano A.; **Gristina V.**; Barraco N.; Bono M.; Bazan Russo T.D.; Toia F.; Cordova A.; Fanale D.; Russo A.; Bazan V. Prognostic role of soluble PD-1 and BTN2A1 in overweight melanoma patients treated with nivolumab or pembrolizumab: finding the missing links in the symbiotic immune-metabolic interplay. THERAPEUTIC ADVANCES IN MEDICAL ONCOLOGY, vol. 15, 17588359231151845, ISSN: 1758-8340, doi: 10.1177/17588359231151845

33. Middle author

Norata, Davide, Peri, Marta, Giammalva, Giuseppe Roberto, Lupica, Antonino, Paolini, Federica, Incorvaia, Lorena, Badalamenti, Giuseppe, **Gristina, Valerio**, Galvano, Antonio, Russo, Antonio, Iacopino, Domenico Gerardo, Silvestrini, Mauro, Bazan, Viviana, Brighina, Filippo, Di Stefano, Vincenzo (2023). Immunological Aspects of Von Hippel-Lindau Disease: A Focus on Neuro-Oncology and Myasthenia Gravis. DIAGNOSTICS, vol. 13, p. 1-13, ISSN: 2075-4418, doi: 10.3390/diagnostics13010144

34. Middle author

Incorvaia, L, Badalamenti, G, Novo, G, Gori, S, Cortesi, L, Brando, C, Cinieri, S, Curigliano, G, Ricciardi, G R, Toss, A, Chiari, R, Berardi, R, Ballatore, Z, Bono, M, Bazan Russo, T D, **Gristina, V**, Galvano, A, Damerino, G, Blasi, L, Bazan, V, Russo, A (2023). Anthracycline-related cardiotoxicity in patients with breast cancer harboring mutational signature of homologous recombination deficiency (HRD). ESMO OPEN, vol. 9, 102196, ISSN: 2059-7029, doi: 10.1016/j.esmoop.2023.102196

35. Middle author

Badalamenti G., Incorvaia L., Algeri L., Bonasera A., Dimino A., Scalia R., Cucinella A., Madonia G., Pomi F. L., Galvano A., **Gristina V.**, Toia F., Cordova A., Bazan V., Russo A. (2022). Safety and effectiveness of gemcitabine for the treatment of classic Kaposi's sarcoma without visceral involvement. THERAPEUTIC ADVANCES IN MEDICAL ONCOLOGY, vol. 14, ISSN: 1758-8340, doi: 10.1177/17588359221086829

36. First author

Gristina V.; Barraco N.; La Mantia M.; Castellana L.; Insalaco L.; Bono M.; Perez A.; Sardo D.; Inguglia S.; Iacono F.; Cutaia S.; Bazan Russo T.D.; Francini E.; Incorvaia L.; Badalamenti G.; Russo A.; Galvano A.; Bazan V. Clinical Potential of Circulating Cell-Free DNA (cfDNA) for Longitudinally Monitoring Clinical Outcomes in the First-Line Setting of Non-Small-Cell Lung Cancer (NSCLC): A Real-World Prospective Study. CANCERS, vol. 14, 6013, ISSN: 2072-6694, doi: 10.3390/cancers14236013

37. Middle author

Russo A.; Incorvaia L.; Capoluongo E.; Tagliaferri P.; Gori S.; Cortesi L.; Genuardi M.; Turchetti D.; De Giorgi U.; Di Maio M.; Barberis M.; Dessena M.; Del Re M.; Lapini A.; Luchini C.; Jerezek-Fossa B.A.; Sapino A.; Cinieri S.; Beretta G.; Bella M.A.; Bracarda S.; Colombo N.; Conteduca V.; Del Mastro L.; Galvano A.; **Gristina V.**; Guarneri V.; La Verde N.; Lorusso D.; Marchetti P.; Normanno N.; Ottini L.; Pensabene M.; Pignata S.; Procopio G.; Ricevuto E.; Silvestris N.; Tassone P.; Tucci M.; Donato V.; Carrara S.; Paiella S.; Gentilini O.; Gunelli R.; Nicolis F.; Buttitta F.;

Colecchia M.; Fassan M.; Malapelle U.; Marchetti A.; Marchiò C.; Scarpa A.; Truini M.; Zamboni G.; Gion M.; Trevisiol C.; Gronchi A.; Danesi R.; Di Marco V.; Carrera P.; Ghiorzo P.; Pasini B.; Varesco L.; Artibani W.; Ludovico G.; Campanella O.; Vatrano S.; Tagliafico E. Implementation of preventive and predictive BRCA testing in patients with breast, ovarian, pancreatic, and prostate cancer: a position paper of Italian Scientific Societies. *ESMO OPEN*, vol. 7, 100459, ISSN: 2059-7029, doi: 10.1016/j.esmoop.2022.100459

38. First author

Gristina V.; La Mantia M.; Peri M.; Iacono F.; Barraco N.; Perez A.; Viscardi G.; Cutaia S.; Russo T.D.B.; Anwar Z.; Incorvaia L.; Fulfaro F.; Vieni S.; Pantuso G.; Graceffa G.; Russo A.; Galvano A.; Bazan V. Navigating the liquid biopsy Minimal Residual Disease (MRD) in non-small cell lung cancer: Making the invisible visible. *CRITICAL REVIEWS IN ONCOLOGY/HEMATOLOGY*, vol. 182, 103899, ISSN: 1879- 0461, doi: 10.1016/j.critrevonc.2022.103899

39. Middle author

Dimino A.; Brando C.; Algeri L.; **Gristina V.**; Pedone E.; Peri M.; Perez A.; De Luca I.; Sciacchitano R.; Magrin L.; Bazan Russo T.D.; Bono M.; Barraco N.; Contino S.; La Mantia M.; Galvano A.; Badalamenti G.; Russo A.; Bazan V.; Incorvaia L. (2022). Exploring the Dynamic Crosstalk between the Immune System and Genetics in Gastrointestinal Stromal Tumors. *CANCERS*, vol. 15, 216, ISSN: 2072-6694, doi: 10.3390/cancers15010216

40. Middle author

Viscardi G.; Vitiello F.; Servetto A.; **Gristina V.**; Pizzutilo E.G.; Canciello M.A.; Medusa P.M.; Salomone F.; Di Guida G.; Mollica M.; Aronne L.; Scaramuzzi R.; Napolitano F.; Battiloro C.; Caputo F.; Gilli M.; Totaro G.; Curcio C.; Rocco D.; Montesarchio V. (2022). Moving Immune Checkpoint Inhibitors to Early Non-Small Cell Lung Cancer: A Narrative Review. *CANCERS*, vol. 14, 5810, ISSN: 2072-6694, doi: 10.3390/cancers14235810

41. Middle author

Cammarata, Giuseppe, Barraco, Nadia, Giusti, Ilaria, **Gristina, Valerio**, Dolo, Vincenzo, Taverna, Simona (2022). Extracellular Vesicles-ceRNAs as Ovarian Cancer Biomarkers: Looking into circRNA-miRNA-mRNA Code. *CANCERS*, vol. 14, 3404, ISSN: 2072-6694, doi: 10.3390/cancers14143404

42. First author

Galvano A.; Castellana L.; **Gristina V.**; La Mantia M.; Insalaco L.; Barraco N.; Perez A.; Cutaia S.; Calò V.; Bazan Russo T.D.; Francini E.; Incorvaia L.; Mirisola M.G.; Vieni S.; Rolfo C.; Bazan V.; Russo A. (2022). The diagnostic accuracy of PIK3CA mutations by circulating tumor DNA in breast cancer: an individual patient data meta-analysis. *THERAPEUTIC ADVANCES IN MEDICAL ONCOLOGY*, vol. 14, 175883592211101, ISSN: 1758-8340, doi: 10.1177/17588359221110162

43. Middle author

Capoluongo E.; Rolfo C.; Galvano A.; **Gristina V.**; Perez A.; Barraco N.; La Mantia M.; Incorvaia L.; Badalamenti G.; Russo A.; Bazan V. Current clinically validated applications of liquid biopsy. In: *Liquid Biopsy: New Challenges in the era of Immunotherapy and Precision Oncology*. p. 63-81, Elsevier, doi: 10.1016/B978-0-12-822703-9.00010-7

44. Middle- author

La Mantia M., Cutaia S., **Gristina V.**, Galvano A., Capoluongo E., Rolfo C., Malapelle U., Incorvaia L., Badalamenti G., Russo A., Bazan V. (2022). Liquid biopsy: a right tool in a right context?. In: *Liquid Biopsy: New Challenges in the era of Immunotherapy and Precision Oncology*. p. 31-45, Elsevier, ISBN: 9780128227039, doi: 10.1016/B978-0-12-822703-9.00013-2

45. Middle author

La Mantia M.; Busuito G.; Spinnato V.; **Gristina V.**; Galvano A.; Cutaia S.; Barraco N.; Perez A.; Cusenza S.; Incorvaia L.; Badalamenti G.; Russo A.; Bazan V. (2022). Molecular tumor board. In: *Liquid Biopsy: New Challenges in the era of Immunotherapy and Precision Oncology*. p.211-219, Elsevier, doi: 10.1016/B978-0-12-822703-9.00006-5

46. Middle author Incorvaia L.; Perez A.; Brando C.; **Gristina V.**; La Mantia M.; Castiglia M.; Fanale D.; Galvano A.; Badalamenti G.; Russo A.; Bazan V. (2022). Liquid biopsy and immunotherapy: is all that glitter gold? In: *Liquid Biopsy: New Challenges in the era of Immunotherapy and Precision Oncology*. p.83-117, Elsevier, doi: 10.1016/B978-0-12-822703-9.00005-3

47. Middle author

Incorvaia L.; La Mantia M.; Cutaia S.; **Gristina V.**; Galvano A.; Barraco N.; Perez A.; Badalamenti G.; Russo A.; Bazan V. (2022). Future perspectives. In: Liquid Biopsy: New Challenges in the era of Immunotherapy and Precision Oncology. p. 221-225, Elsevier, doi: 10.1016/B978-0-12-822703-9.00019-3

48. Co-first author

Galvano A., **Gristina V.**, Malapelle U., Pisapia P., Pepe F., Barraco N., Castiglia M., Perez A., Rolfo C., Troncone G., Russo A., Bazan V. (2021). The prognostic impact of tumor mutational burden (TMB) in the first-line management of advanced non-oncogene addicted non-small-cell lung cancer (NSCLC): a systematic review and meta-analysis of randomized controlled trials. ESMO OPEN, vol. 6, p. 1-10, ISSN: 2059-7029, doi: 10.1016/j.esmoop.2021.100124

49. First author

Gristina V., Galvano A., Castellana L., Insalaco L., Cusenza S., Graceffa G., Iacono F., Barraco N., Castiglia M., Perez A., Rizzo S., Russo A., Bazan V. (2021). Is there any room for PD-1 inhibitors in combination with platinum-based chemotherapy as frontline treatment of extensive-stage small cell lung cancer? A systematic review and meta-analysis with indirect comparisons among subgroups and landmark survival analyses. THERAPEUTIC ADVANCES IN MEDICAL ONCOLOGY, vol. 13, p. 1-17, ISSN: 1758-8340, doi: 10.1177/17588359211018018

50. Co-first author

Francesco Passiglia, Antonio Galvano, **Valerio Gristina**, Nadia Barraco, Marta Castiglia, Alessandro Perez, Maria La Mantia, Antonio Russo, Viviana Bazan (2021). Is there any place for PD-1/CTLA-4 inhibitors combination in the first- line treatment of advanced NSCLC?—A trial-level meta-analysis in PD-L1 selected subgroups. TRANSLATIONAL LUNG CANCER RESEARCH, ISSN: 2218-6751, doi: 10.21037/tlcr-21-52

51. Middle author

Malapelle U.; Pepe F.; Pisapia P.; Sgariglia R.; Nacchio M.; Barberis M.; Bilh M.; Bubendorf L.; Büttner R.; Cabibi D.; Castiglia M.; De Andrea C.E.; De Biase D.; Dumur C.I.; Fontanini G.; Freire J.; **Gristina V.**; Hofman P.; Ilie M.; Lozano M.D.; Merkelbach-Bruse S.; Pappesch R.; Pelusi N.; Roma G.; Russo A.; Savic S.; Siemanowski J.; Tallini G.; Tischler V.; Vander Borgh S.; Weynand B.; Xu T.; Troncone G. TargetPlex FFPE-Direct DNA Library Preparation Kit for SiRe NGS panel: An international performance evaluation study. JOURNAL OF CLINICAL PATHOLOGY, vol. 75, p. 416-421, ISSN: 0021-9746, doi: 10.1136/jclinpath-2021-207450

52. Middle author

Russo A.; Incorvaia L.; Del Re M.; Malapelle U.; Capoluongo E.; **Gristina V.**; Castiglia M.; Danesi R.; Fassan M.; Giuffrè G.; Gori S.; Marchetti A.; Normanno N.; Pinto C.; Rossi G.; Santini D.; Sartore-Bianchi A.; Silvestris N.; Tagliaferri P.; Troncone G.; Cinieri S.; Beretta G.D. The molecular profiling of solid tumors by liquid biopsy: a position paper of the AIOM–SIAPEC-IAP–SIBioC–SIC–SIF Italian Scientific Societies. ESMO OPEN, vol. 6, 100164, ISSN: 2059-7029, doi: 10.1016/j.esmoop.2021.100164

53. First author

Gristina V.; La Mantia M.; Galvano A.; Cutaia S.; Barraco N.; Castiglia M.; Perez A.; Bono M.; Iacono F.; Greco M.; Calcara K.; Calò V.; Rizzo S.; Incorvaia L.; Lisanti M.C.; Santanelli G.; Sardo D.; Inguglia S.; Insalaco L.; Castellana L.; Cusenza S.; Pantuso G.; Russo A.; Bazan V. (2021). Non-Small Cell Lung Cancer Harboring Concurrent EGFR Genomic Alterations: A Systematic Review and Critical Appraisal of the Double Dilemma JOURNAL OF MOLECULAR PATHOLOGY, vol. 2, doi: 10.3390/jmp2020016

54. Middle author

Pasquale Pisapia, Francesco Pepe, Anna Baggi, Massimo Barberis, Antonio Galvano, **Valerio Gristina**, Fabrizio Mastrilli, Silvia Novello, Fabio Pagni, Silvia Pasini, Giuseppe Perrone, Daniela Righi, Antonio Russo, Giancarlo Troncone, Umberto Malapelle (2021). Next generation diagnostic algorithm in non-small cell lung cancer predictive molecular pathology: The KWAY Italian multicenter cost evaluation study CRITICAL REVIEWS IN ONCOLOGY/HEMATOLOGY, vol. 169, 103525, ISSN: 1879- 0461, doi: 10.1016/j.critrevonc.2021.103525

55. Co-first author

Pisapia, Pasquale, Pepe, Francesco, **Gristina, Valerio**, La Mantia, Maria, Francomano, Vincenzo, Russo, Gianluca, Iaccarino, Antonino, Galvano, Antonio (2021). A narrative review on the

implementation of liquid biopsy as a diagnostic tool in thoracic tumors during the COVID-19 pandemic. *MEDIASTINUM*, ISSN: 2522-6711, doi: 10.21037/med-21-9

56. Middle author

Galvano A., Peri M., Guarini A. A., Castiglia M., Grassadonia A., De Tursi M., Irtelli L., Rizzo S., Bertani A., **Gristina V.**, Barraco N., Russo A., Natoli C., Bazan V. (2020). Analysis of systemic inflammatory biomarkers in neuroendocrine carcinomas of the lung: prognostic and predictive significance of NLR, LDH, ALI, and LIPI score. *THERAPEUTIC ADVANCES IN MEDICAL ONCOLOGY*, vol. 12, ISSN: 1758-8340, doi: 10.1177/1758835920942378

57. Co-first author

Pepe F., Pisapia P., **Gristina V.**, Rocco D., Micheli M., Micheli P., Iaccarino A., Tufano R., Gragnano G., Russo G., De Luca C., Sgariglia R., Nacchio M., Girolami I., Eccher A., Russo A., Troncone G., Malapelle U. (2020). Tumor mutational burden on cytological samples: A pilot study. *CANCER CYTOPATHOLOGY*, vol. 129, p. 460-467, ISSN: 1934-662X, doi: 10.1002/ency.22400

58. Second author

Nacchio M., Sgariglia R., **Gristina V.**, Pisapia P., Pepe F., de Luca C., Migliatino I., Clery E., Greco L., Vigliar E., Bellevicine C., Russo A., Troncone G., Malapelle U. (2020). KRAS mutations testing in non-small cell lung cancer: The role of Liquid biopsy in the basal setting. *JOURNAL OF THORACIC DISEASE*, vol. 12, p. 3836-3843, ISSN: 2072-1439, doi: 10.21037/jtd.2020.01.19

59. Middle author

Galvano A., Castiglia M., Rizzo S., Silvestris N., Brunetti O., Vaccaro G., **Gristina V.**, Barraco N., Bono M., Guercio G., Graceffa G., Fulfaro F., Gori S., Bazan V., Russo A. (2020). Moving the target on the optimal adjuvant strategy for resected pancreatic cancers: A systematic review with meta-analysis. *CANCERS*, vol. 12, p. 1-14, ISSN: 2072-6694, doi: 10.3390/cancers12030534

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Gristina V., Malapelle U., Galvano A., Pisapia P., Pepe F., Rolfo C., Tortorici S., Bazan V., Troncone G., Russo A. (2020). The significance of epidermal growth factor receptor uncommon mutations in non-small cell lung cancer: A systematic review and critical appraisal. *CANCER TREATMENT REVIEWS*, vol. 85, p. 1- 10, ISSN: 0305-7372, doi: 10.1016/j.ctrv.2020.101994

61. First author

Gristina V., Mantia M. L., Iacono F., Galvano A., Russo A., Bazan V. (2020). The emerging therapeutic landscape of alk inhibitors in non-small cell lung cancer. *PHARMACEUTICALS*, vol. 13, p. 1-23, ISSN: 1424-8247, doi: 10.3390/ph13120474

62. Middle author

Incorvaia L., Fanale D., Badalamenti G., Barraco N., Bono M., Corsini L. R., Galvano A., **Gristina V.**, Listi A., Vieni S., Gori S., Bazan V., Russo A. (2019). Programmed Death Ligand 1 (PD-L1) as a Predictive Biomarker for Pembrolizumab Therapy in Patients with Advanced Non-Small-Cell Lung Cancer (NSCLC). *ADVANCES IN THERAPY*, vol. 36, p. 2600-2617, ISSN: 0741-238X, doi: 10.1007/s12325-019-01057-7

63. Middle author

Angela Listi, Nadia Barraco, Marco Bono, Lavinia Insalaco, Luisa Castellana, Sofia Cutaia, Maria Rita Ricciardi, **Valerio Gristina**, Enrico Bronte, Gianni Pantuso, Francesco Passiglia (2018). Immuno-targeted combinations in oncogene-addicted non-small cell lung cancer. *TRANSLATIONAL CANCER RESEARCH*, vol. 8, suppl., p. 1-9, ISSN: 2218-676X, doi: 10.21037/tcr.2018.10.04

64. Middle author

De Luca, Rossella, Blasi, Livio, Alù, Massimiliano, **GRISTINA, Valerio**, Cicero, Giuseppe (2018). Clinical efficacy of nab-paclitaxel in patients with metastatic pancreatic cancer. *DRUG DESIGN, DEVELOPMENT AND THERAPY*, vol. 12, p. 1769-1775, ISSN: 1177-8881, doi: 10.2147/DDDT.S165851

65. First author

Gristina, Valerio, Cupri, Maria Grazia, Torchio, Martina, Mezzogori, Claudio, Cacciabue, Laura, Danova, Marco (2015). Diabetes and cancer: A critical appraisal of the pathogenetic and therapeutic links. *BIOMEDICAL REPORTS*, vol. 3, p. 131-136-136, ISSN: 2049-9442, doi: 10.3892/br.2014.399

66. Middle author

Danova M, Torchio M, Comolli G, **Gristina V**, Mazzini G. (2014). Circulating tumor cells: Current challenges and future perspectives. *EUROPEAN JOURNAL OF ONCOLOGY*, ISSN: 1128-6598

ORGANIZATION, MANAGEMENT, AND COORDINATION OF NATIONAL AND INTERNATIONAL RESEARCH CENTERS OR GROUPS, OR PARTICIPATION THEREIN

- Principal investigators of clinical trials:

Principal Investigator of the Phase 3, Two-stage, Randomized Study of ONC-392 Versus Docetaxel in Metastatic Non-Small Cell Lung Cancers that Progressed on PD-1/PD-L1 Inhibitors (PRESERVE-003 trial)

Principal Investigator of the Prospective, Multi-country, Observational Study of Clinical Outcomes in EGFR-mutated, Advanced Non-Small Cell Lung Cancer (NSCLC) Patients Treated with Approved Amivantamab-containing Regimens Under Standard Clinical Practice (LEPIDOPTERA)

Principal Investigator of ELBA real-world characteristics of patients with resected epidermal growth factor receptor mutation positive non-small cell lung carcinoma (nsclc) treated with adjuvant osimertinib in an early access programme: an Italian multicenter observational study

Principal Investigator of the national registry study “RATIONAL” on actionable mutations, involving two enrollment pathways for patients undergoing high-throughput genetic-molecular characterization.
From: 21/05/2021

Principal Investigator of the FoRT 05-BEAT trial: a Phase II randomized study comparing atezolizumab vs atezolizumab + bevacizumab as first-line treatment in PD-L1 high advanced/metastatic NSCLC patients.

Principal Investigator of the ROME trial: a Phase II randomized, prospective, multicenter proof-of-concept study titled “From histology to target: the road to personalized targeted therapy and immunotherapy”.

Principal Investigator of the CAPLAND trial: a non-comparative randomized Phase II study evaluating the optimal sequencing of EGFR-TKIs in advanced/metastatic EGFR-mutated NSCLC.

Participation in the activities of an international research group as a scientific committee member of the International Symposium titled "Shaping the Future of Cancer Care: International Academic Perspectives on Precision Oncology" at Universidad Ricardo Palma, Lima, Peru.
From: 22/05/2023 – Present

Scientific lead of the research project "Prognostic and predictive role of non-coding RNAs from primary cultures of advanced solid tumors treated with immune checkpoint inhibitors", funded by ProgRic-2022 (Prot. 1693 of 20/12/2022 – Measure I.1.b), assigned by the Department of Di.Chir.On.S., University of Palermo.
From: 18/04/2023 – Present

Coordinator of the research group of the Department of Di.Chir.On.S., University of Palermo, for the project "Prognostic and predictive role of non-coding RNAs from primary cultures of advanced solid

tumors treated with immune checkpoint inhibitors", in collaboration with the NATIONAL RESEARCH COUNCIL - INSTITUTE OF TRANSLATIONAL PHARMACOLOGY, Palermo.

From: 18/04/2023 – Present

International collaboration with the research group of the Center for Thoracic Oncology, Tisch Cancer Institute, Mount Sinai Medical System & Icahn School of Medicine, Mount Sinai, NY, USA, for the publication of "Liquid Biopsy Book: New Challenges in the Era of Immunotherapy and Precision Oncology". ISBN: 978-0-12-822703-9. Elsevier

From: 01/01/2023 – Present

Active Member of the national research group Lung Young Oncology Network Sud (LYONS), a scientific association of young thoracic oncologists from Central and Southern Italy.

From: 09/02/2022 – Present

Scientific lead of the research project "REPRESS Study – REDucing Prostate cancer Risk by a wholebody vibration (WBV) rEcording System", a single-institution, prospective, interventional study conducted at the Medical Oncology Unit, AOUP Paolo Giaccone, University of Palermo, as part of a RTDA contract (D.M. 10 August 2021 n.1062) – Innovation Research Program IV.4 PON 2014-2020.

From: 22/12/2021 – 22/12/2024

Member of the national inter-society AIOM research group as an expert panelist and contributor to the 2021 Cardio-Oncology Guidelines, published in the National Guidelines System (SNLG).

From: 18/06/2021 – Present

Contributor to the national AIOM inter-society research group responsible for the Recommendations for the implementation of predictive and preventive BRCA testing in breast, ovarian, pancreatic, and prostate cancer.

From: 01/05/2021 – Present

International collaboration with the research groups of the University of Antwerp, the Center for Thoracic Oncology/Tisch Cancer Institute at Mount Sinai (NY), and Universidad Ricardo Palma (Lima, Peru) for the publication of "Practical Medical Oncology Textbook". ISSN 2366-7516. DOI: 10.1007/978-3-030-56051-5.

From: 01/01/2021

Member of the national AIOM inter-society working group (AIOM - AISP - SIAPEC/IAP - SIBIOC - SICO - SIF - SIGE - SIGU) for drafting the 2020 Recommendations for BRCA mutation testing in patients with metastatic pancreatic adenocarcinoma.

From: 01/07/2020 – Present

Member of the national AIOM inter-society working group (AIOM – SIAPEC-IAP – SIBIOC – SIF) for drafting the 2020 and 2025 Recommendations for Liquid Biopsy Molecular Testing in Oncology

From: 01/07/2020 – Present

Participation in translational research activities under the supervision of Prof. Antonio Russo, with specific focus on lung cancer and liquid biopsy, as a medical oncology resident at the University of Palermo, Italy.

From: 12/02/2020

Participation in the PhD program in Oncology and Experimental Surgery at the Department of Surgical, Oncological and Stomatological Disciplines (Di.Chi.On.S.), University of Palermo, under the supervision of Prof. Antonio Russo.

From: 01/02/2019 – 26/10/2022

Participation in research activities as a PhD student in Public Health and Preventive Medicine at the University of Naples Federico II, a national and international research institution, under the supervision of Prof. Umberto Malapelle, Chief Supervisor of the Predictive Molecular Pathology Laboratory.

From: 01/05/2019 – 30/01/2020

NATIONAL AND INTERNATIONAL AWARDS AND RECOGNITIONS FOR RESEARCH ACTIVITIES

Award: Oncology Research Award for Sicilian researchers under 40

Publication Title: "Circulating $\gamma\delta$ T cells and methylated cell-free DNA for monitoring clinical outcomes IN patients with advanced luNg cAncer undergoing first-line iMmune checkpOint iNhibitors: The CINNAMON prospective study"

Institution: Fondazione Humanitas Sicilia

Date: 15/11/2025

Award: Best Paper Award 2022 – second place

Publication Title: "Clinical Potential of Circulating Cell-Free DNA (cfDNA) for Longitudinally Monitoring Clinical Outcomes in the First-Line Setting of Non-Small-Cell Lung Cancer (NSCLC): A Real-World Prospective Study"

Institution: Department of Surgical, Oncological and Stomatological Disciplines (DICHIRONS), University of Palermo

Date: 11/12/2023 – Present

Award: Special "Gigi Manzione" Prize

Event: XXV National Congress of GOIM – Southern Italy Oncology Group

Scientific Contribution: "The impact of anthracycline-related cardiotoxicity in patients with breast cancer carrying the mutational signature of homologous recombination deficiency (HRD)"

Date: 23/06/2023 – Present

Award: First Prize – ProgRic-2022 Research Fund

Project Title: "Prognostic and predictive role of non-coding RNAs from primary cultures of advanced solid tumors treated with immune checkpoint inhibitors"

Institution: Department of Surgical, Oncological and Stomatological Disciplines (Di.Chir.On.S.), University of Palermo, in collaboration with the NATIONAL RESEARCH COUNCIL – Institute of Translational Pharmacology, Palermo

Date: 18/04/2023 – Present

Award: Best Paper Award 2020 – first place

Publication Title: "Tumor Mutational Burden in cytological samples: a pilot study"

Institution: Department of Surgical, Oncological and Stomatological Disciplines (DICHIRONS), University of Palermo

Date: 21/07/2021 – Present

PARTICIPATION AS SPEAKER IN INTERNATIONAL CONFERENCES AND CONGRESSES

Conference Title: <i>Anticancer Metal Drugs: New Developments and Future Perspectives – 3rd Edition</i> Presentation: <i>From Platinum to Immunotherapy and Antibody–Drug Conjugates: Precision Medicine in Thoracic Oncology</i> Venue: Botanical Garden, Sala Lanza, Palermo (Italy) Date: May 27–29, 2026
Conference Title: <i>Cross-Share Insights Workshop (CSIW 25): "Innovative Metamaterial Components and Absorbers for Vibration Mitigation (METAVIBRA)"</i> Presentation: <i>"Shaking up Diagnostics: Exploring Liquid Biopsy Biomarkers in Occupational Exposure to Whole Body Vibration"</i> Venue: Conference Room (formerly DICAM), Building 8, Viale delle Scienze, Palermo Date: April 28–29, 2025
Conference Title: <i>"PROMETHEUS AND CANCER. At the origin of conflict and care" – XV Edition of the International Days</i> Role: Panel leader – <i>"The Multidisciplinary Fabric of Care"</i> Venue: Rectorate of the University of Palermo – Monumental Complex of Lo Steri – Sala dei Baroni (Piazza Marina) – Amazzone Center Date: November 14–15, 2024
Conference Title: <i>"Curso internacional de oncología: Towards a Global Implementation of Precision Oncology – An International Perspective"</i> Presentation: <i>"Revolutionizing Clinical Development in Precision Oncology: Innovations and Breakthroughs in Lung Cancer"</i> Venue: Aula Magna Simón Bolívar – National University of San Agustín, Arequipa, Peru Date: November 28, 2023
Conference Title: <i>"Shaping the Future of Cancer Care: International Academic Perspectives on Precision Oncology"</i> Presentation: <i>"The Current State of Molecular Profiling and the Molecular Tumor Board"</i> Venue: Ricardo Palma University, Lima, Peru Date: November 22, 2023
Conference Title: <i>"From Biologic Mechanisms to Theragnostic Paths in Hereditary Cancer Syndromes: Germline Mutations as a Therapeutic Target"</i> Role: Moderator of the session <i>"The Homologous Recombination Repair (HRR) Pathway and BRCA-Associated Tumors: The Genetic Background and the Preventive Path"</i> at the international congress Venue: Sbarro Health Research Organization, Temple University, Philadelphia Date: May 12, 2023
Conference Title: <i>"From Biologic Mechanisms to Theragnostic Paths in Hereditary Cancer Syndromes: Germline Mutations as a Therapeutic Target"</i> Presentation: <i>"Syndromic Gastrointestinal Stromal Tumors (GISTs): Carney Triad Syndrome, Carney-Stratakis Syndrome, Type 1 Neurofibromatosis (NF1). From Genetics to Actionable Drug Matches"</i> Venue: Sbarro Health Research Organization, Temple University, Philadelphia Date: May 12, 2023

MANAGEMENT, ORGANIZATIONAL, AND SERVICE ACTIVITIES

ROLES IN MANAGEMENT AND COMMITMENTS UNDERTAKEN IN COLLEGIAL BODIES AND COMMITTEES, WITHIN SIGNIFICANT PUBLIC AND PRIVATE INSTITUTIONS, SCIENTIFIC AND CULTURAL ORGANIZATIONS, OR WITHIN THE UNIVERSITY OR OTHER ACADEMIC INSTITUTIONS

- **2026** – Leader of the F.O.N.I.C.A.P. (Forza Operativa Nazionale Interdisciplinare Contro il Cancro Polmonare) Working Group under 40
- **2026** – Member of the AIOM Working Group on *Genomics and Omics* for the 2025–2027 mandate.
- **2025** – Member of the National SIAPEC Working Group for drafting the “*2025 Guidelines for Molecular Reporting: Standards and Best Practices from the Italian Group for Molecular Pathology and Precision Medicine (PMMP)*”.
- **2024** – Member of the selection committee for the research grant titled “*A synthetic lethality approach exploiting DNA misrepair: an emerging scenario for the treatment of HRD tumors – STARDUST study*”, funded in 2022 (U-GOV PRJ-1367, PI: Prof. A. Russo), Department of Surgical, Oncological and Stomatological Disciplines (DICHIRONS), University of Palermo.
- **2023** – Member of the selection committee for a professionalizing research fellowship within the PRIN 2022 project “*Non coding-RNAs shuttled by Ovarian Cancer Extracellular Vesicles as potential biomarkers in liquid biopsy (NARCISUS)*”, funded by the European Union – Next Generation EU. Institute of Translational Pharmacology (IFT-CNR), notice AR08_2023 IFT PA, Director: Prof. Vito Michele Fazio.
- **2023** Member of the Scientific Committee of the international symposium “*Shaping the Future of Cancer Care: International Academic Perspectives on Precision Oncology*”, Universidad Ricardo Palma, Lima, Peru.
- **2023** Research Coordinator for the Di.Chir.On.S. Department, University of Palermo, in the project “*Prognostic and predictive role of non-coding RNAs from primary cultures of advanced solid tumors treated with immune checkpoint inhibitors*” (ProgRic-2022, prot. 1693), in collaboration with the CNR – Institute of Translational Pharmacology, Palermo.
- **2023** Researcher in the national SAMOTHRACE consortium (Sicilian Micro and Nano Technologies Research and Innovation Center), within WP5 “Healthcare 4.0: Intelligent Systems and Devices for Personalized Medicine”, spoke 6, task 5.2.1. <https://samothrace.eu>
- **2023** International collaboration with the Center for Thoracic Oncology, Tisch Cancer Institute, Mount Sinai Medical System & Icahn School of Medicine (New York, USA) for the publication of “*Liquid Biopsy Book: New Challenges in the Era of Immunotherapy and Precision Oncology*”. ISBN: 978-0-12-822703-9.
- **2022 – present** – Active member of the national research group **Lung Young Oncology Network South (LYONS)**, scientific association of young thoracic oncologists in central and southern Italy.
- **2021 – present** – Member of the AIOM inter-society panel for the drafting of the *2021 National Cardio-Oncology Guidelines*, published in the Italian National Guidelines System (SNLG).
- **2021 – present** – Member of the AIOM inter-society panel for the drafting of recommendations on the implementation of predictive and preventive BRCA testing in breast, ovarian, pancreatic, and prostate cancers.
- **2021** International collaboration with the research groups of the University of Antwerp, Center for Thoracic Oncology/Tisch Cancer Institute (Mount Sinai, NY), and Universidad Ricardo Palma (Lima, Peru) for the publication of the “*Practical Medical Oncology Textbook*”. ISSN 2366-7516, DOI: 10.1007/978-3-030-56051-5.
- **2020 – present** – Member of the AIOM–AISP–SIAPEC/IAP–SIBIOC–SICO–SIF–SIGE–SIGU inter-society group for drafting the *2020 Recommendations for BRCA Testing in Patients with Metastatic Pancreatic Adenocarcinoma*.

- **2020** Member of the AIOM–SIAPEC-IAP–SIBIOC–SIF inter-society panel for the *2020 Recommendations for Liquid Biopsy Testing in Oncology*.
- **2020** *Medical Oncology Specialization* (50/50 cum laude), University of Palermo, with translational research experience under Prof. Antonio Russo, focusing on lung cancer and liquid biopsy.
- **2019 – 2022** *PhD candidate in Experimental Oncology and Surgery*, Department of Surgical, Oncological and Stomatological Disciplines (Di.Chi.On.S.), University of Palermo, under the supervision of Prof. Antonio Russo.
- **2019–2020** – PhD research activity, *PhD Program Public Health and Preventive Medicine*, University Federico II of Naples, under the supervision of Prof. Umberto Malapelle, Head of Predictive Molecular Pathology Laboratory.

TEACHING, ACADEMIC SERVICE, AND TUTORING

A.Y. 2025/2026 – Effective member of the examining committee for admission to the National PhD Program in Precision Medicine, Cycle XLI.

A.Y. 2024/2025 – Formal teaching assignments included the “Medical Oncology” module within the integrated course “Medical Oncology, Radiotherapy and Nuclear Medicine” in the Bachelor’s Degree in Radiologic Techniques for Imaging and Radiotherapy (3 CFU, 30 hours). Exam committee activity covered Medical Oncology, Diagnostic and Therapeutic Biotechnologies in Medical Oncology, Clinical Oncology, Radiologic Techniques, and Nursing courses. Student service included 20 hours of office hours, supervision of 2 theses, and 120 hours of student orientation and tutoring.

A.Y. 2023/2024 – Certified overall teaching activity: 336 hours. Formal teaching assignments included the “Medical Oncology” module within the integrated course “Medical Oncology, Radiotherapy and Nuclear Medicine” in the Bachelor’s Degree in Radiologic Techniques for Imaging and Radiotherapy (3 CFU, 30 hours) and the “Oncology and Palliative Care” module within the integrated course “Pharmacology, Oncology and Palliative Care” in the Bachelor’s Degree in Nursing (3 CFU, 30 hours). Exam committee activity covered Medical Oncology, Diagnostic and Therapeutic Biotechnologies in Medical Oncology, Clinical Oncology, Radiologic Techniques, and Nursing courses. Student service included 20 hours of office hours, supervision of 5 theses, and 150 hours of student orientation and tutoring.

A.Y. 2022/2023 – Certified overall teaching activity: 362 hours. Formal teaching assignment as lecturer in the “Medical Oncology” module within the integrated course “Medical Oncology, Radiotherapy and Nuclear Medicine” in the Bachelor’s Degree in Radiologic Techniques for Imaging and Radiotherapy (3 CFU, 30 hours). Exam committee activity included Medical Oncology, Surgical Oncology, and Clinical Oncology. Academic service also included membership in the Degree Committee for the MD Program (session of 11 July 2023), 60 hours of office hours, supervision of 2 theses, and 150 hours of student orientation and tutoring.

A.Y. 2021/2022 – Certified overall teaching activity: 303 hours. Non-remunerated frontal teaching within the School of Specialization in Medical Oncology (10 hours) and integrative teaching activities within the integrated course of Clinical Oncology (20 hours). Exam committee activity included Immuno-Oncology in the MD Program (Palermo and Caltanissetta campuses), Medical Biotechnology and Molecular Medicine, Nursing, Dental Hygiene, Radiologic Techniques, Nursing and Midwifery Sciences, as well as Clinical Oncology and Pharmacology, Oncology and Palliative Care. Additional

activities included 60 hours of office hours, supervision of 3 theses, 50 hours of student orientation and tutoring, and participation in the CIMDU 2022 training seminars for newly hired researchers (10 hours). A.Y. 2025/2026, A.Y. 2024/2025, A.Y. 2023/2024, and A.Y. 2022/2023 – Lecturer in Medical Oncology within the School of Specialization in Medical Oncology, University of Palermo. Annual teaching load: Year 1, 10 hours / 1 CFU; Year 2, 30 hours / 3 CFU; Year 3, 30 hours / 3 CFU; Year 4, 40 hours / 4 CFU; Year 5, 10 hours / 1 CFU.

A.Y. 2025/2026, A.Y. 2024/2025, A.Y. 2023/2024, A.Y. 2022/2023– Clinical training and tutorship activity in Medical Oncology within the School of Specialization in Medical Oncology, University of Palermo: 50 hours and 5 CFU for each year of course (Years 1–5) in each academic year.

Since 12/04/2023 – Member of the Academic Board of the School of Specialization in Medical Oncology, University of Palermo.

Teaching and seminar activity in doctoral programs – External teaching assignment within the PhD Program in Experimental Surgery and Oncology (Cycle XXXIX), University of Palermo, on 04/06/2024; external teaching assignment within the PhD Program in Public Health and Preventive Medicine, University of Naples Federico II, on 06/04/2021; seminar “Revolutionizing Clinical Development in Precision Oncology: Innovations and Breakthroughs in Lung Cancer” (University of Palermo, 04/06/2024); seminar “Real-world research from bench to bedside in Medical Oncology: what a PhD student should know?” (University Federico II of Naples, 06/04/2021).

Undergraduate, master’s, specialization, and PhD supervision/tutoring – Thesis supervisor and/or tutor for the MD Program, Nursing, the School of Specialization in Medical Oncology, and the National PhD Program in Precision Medicine. Recent activities included 3 MD theses as tutor and supervisor in A.Y. 2023/2024, 1 Nursing thesis in A.Y. 2023/2024, 1 specialization thesis in A.Y. 2023/2024, 2 specialization theses in A.Y. 2022/2023, and 3 MD theses in A.Y. 2021/2022.

PhD tutoring – PhD co-tutor/tutor since A.Y. 2023/2024 within the National PhD Program in Precision Medicine, University of Palermo: co-tutor of 1 PhD student in A.Y. 2023/2024 (Cycle XXXIX), tutor of 2 PhD students in A.Y. 2024/2025 (Cycle XL) and 1 PhD student in A.Y. 2025/2026 (Cycle XLI)

SELF-DECLARATION ACCORDING TO ARTICLES 46 AND 47 OF PRESIDENTIAL DECREE No. 445/2000

I, THE UNDERSIGNED VALERIO GRISTINA, BORN ON JUNE 26, 1987 IN PALERMO (PA), RESIDING AT VIA NAIROBI, 20 – PALERMO (PA), AND DOMICILED AT THE SAME ADDRESS, HOLDER OF PASSPORT NO. YA9474872, ISSUED BY THE POLICE HEADQUARTERS OF PALERMO ON APRIL 27, 2016, BEING FULLY AWARE OF THE CRIMINAL PENALTIES FOR MAKING FALSE STATEMENTS TO A PUBLIC OFFICIAL (ART. 495 OF THE ITALIAN PENAL CODE),

HEREBY DECLARE UNDER MY RESPONSIBILITY:

- THAT THE INFORMATION AND STATEMENTS CONTAINED IN THIS CURRICULUM VITAE ARE TRUE AND ACCURATE;
- THAT I HOLD ALL THE QUALIFICATIONS LISTED IN THE CURRICULUM VITAE;
- THAT ALL INFORMATION REGARDING QUALIFICATIONS, PUBLICATIONS, AND PROFESSIONAL ACTIVITIES INCLUDED IN THIS CURRICULUM VITAE IS TRUTHFUL;
- THAT THE COPIES OF THE PUBLICATIONS SUBMITTED FOR ANALYTICAL EVALUATION ARE TRUE COPIES OF THE ORIGINALS.