

CURRICULUM VITAE

PERSONAL INFORMATION

SURNAME	GRISTINA
NAME	VALERIO
DOB	██████████
MAIL	PEC VALERIO.GRISTINA.7OMD@PA.OMCEO.IT EMAIL VALERIO.GRISTINA@GMAIL.COM VALERIO.GRISTINA@UNIPA.IT VALERIO.GRISTINA@POLICLINICO.PA.IT

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 in 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

SCIENTIFIC PUBLICATIONS (FULL TEXT)

1. First author

Valerio Gristina, Francesco Pepe, Francesca Rita Ogliari, Tancredi Didier Bazan Russo, Andrea Gottardo, Gianluca Russo, Lorena Incorvaia, Juliette Aimee Guerri, 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, IN PRESS 2025

2. Middle author

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 Jun 6:206:108617. doi: 10.1016/j.lungcan.2025.108617.

3. 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.

4. Middle author

L. Incorvaia, C. Marchetti, C. Brando, T. D. Bazan Russo, M. Bono, A. Perez, L. Congedo, R. Ergasti, 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.

5. 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
6. 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
 7. 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
 8. 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
 9. 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
 10. 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
 11. 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
 12. 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
 13. 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
 14. 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
 15. 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

16. 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

17. 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

18. 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

19. 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

20. 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

21. 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

22. 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

23. 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/PDGFR 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

24. 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

25. 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

26. 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

27. 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

28. 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

29. 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

30. 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.; Jerezcek-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. mplementation 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

31. 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

32. 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
33. 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
 34. Middle author
Cammarata, Giuseppe, Barraco, Nadia, Giusti, Ilaria, **Gristina, Valerio**, Dolo, Vincenza, 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
 35. 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
 36. 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
 37. 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
 38. 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
 39. 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
 40. 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
 41. 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
 42. 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
43. 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
 44. Middle author
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 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
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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
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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
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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

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

Participation in the national research group SAMOTHRACE (Sicilian Micro and Nano Technologies Research and Innovation Center) as a Fixed-Term Researcher at the University of Palermo, within WP5: Healthcare 4.0: Intelligent systems and devices for personalized medicine, Spoke 6, Task 5.2.1. <https://samothrace.eu/>

From: 01/01/2023 – Present

Principal Investigator of the Real-Combo Lung Study: a real-life observational study on chemo-immunotherapy combinations in stage IV NSCLC patients with PDL1 expression <50%.

From: 05/04/2022 – 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 – Present

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

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 – 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 – Present

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.

From: 15/12/2020 – Present

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 Recommendations for Liquid Biopsy Molecular Testing in Oncology, currently under revision.

From: 01/07/2020 – Present

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”.

From: 22/06/2020 – 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 – Present

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 – Present

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.

From: 04/10/2019 – Present

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: Second Place – Best Paper Award 2022

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 – Winner

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: *Cross-Share Insights Workshop (CSIW 25): "Innovative Metamaterial Components and Absorbers for Vibration Mitigation (METAVIBRA)"*

Presentation: *"Shaking up Diagnostics: Exploring Liquid Biopsy Biomarkers in Occupational Exposure to Whole Body Vibration"*

Venue: Conference Room (formerly DICAM), Building 8, Viale delle Scienze, Palermo

Date: April 28–29, 2025

Conference Title: *"PROMETHEUS AND CANCER. At the origin of conflict and care" – XV Edition of the International Days*

Role: Panel leader – *"The Multidisciplinary Fabric of Care"*

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: *"Curso internacional de oncología: Towards a Global Implementation of Precision Oncology – An International Perspective"*

Presentation: *"Revolutionizing Clinical Development in Precision Oncology: Innovations and Breakthroughs in Lung Cancer"*

Venue: Aula Magna Simón Bolívar – National University of San Agustín, Arequipa, Peru

Date: November 28, 2023

Conference Title: *"Shaping the Future of Cancer Care: International Academic Perspectives on Precision Oncology"*

Presentation: *"The Current State of Molecular Profiling and the Molecular Tumor Board"*

Venue: Ricardo Palma University, Lima, Peru

Date: November 22, 2023

Conference Title: *"From Biologic Mechanisms to Theragnostic Paths in Hereditary Cancer Syndromes: Germline Mutations as a Therapeutic Target"*

Role: Moderator of the session *"The Homologous Recombination Repair (HRR) Pathway and BRCA-Associated Tumors: The Genetic Background and the Preventive Path"* at the international congress

Venue: Sbarro Health Research Organization, Temple University, Philadelphia

Date: May 12, 2023

Conference Title: “From Biologic Mechanisms to Theragnostic Paths in Hereditary Cancer Syndromes: Germline Mutations as a Therapeutic Target”

Presentation: “Syndromic Gastrointestinal Stromal Tumors (GISTs): Carney Triad Syndrome, Carney-Stratakis Syndrome, Type 1 Neurofibromatosis (NF1). From Genetics to Actionable Drug Matches”

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

- **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 – present** – 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 – present** – 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 – present** – 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 – present** – 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 – present** – 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 – present** – Member of the AIOM–SIAPEC-IAP–SIBIOC–SIF inter-society panel for the *2020 Recommendations for Liquid Biopsy Testing in Oncology*, currently under revision.
- **2020 – present** – *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 – present** – *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, *Doctorate in Public Health and Preventive Medicine*, University Federico II of Naples, under the supervision of Prof. Umberto Malapelle, Head of Predictive Molecular Pathology Laboratory.

ACADEMIC SERVICE – UNIVERSITY OF PALERMO

- **2023–2024** – Member of the Academic Board, *School of Specialization in Medical Oncology*. Session: 04.11.2024.
- **2021–2024** – Member of Exam Committees in:
 - *Clinical Oncology* (MD Program)
 - *Immuno-Oncology* (MD Program – Palermo and Caltanissetta campuses)
 - *Immuno-Oncology* (Master's in Medical Biotechnology and Molecular Medicine)
 - *Immuno-Oncology* (Bachelor's in Nursing, Dental Hygiene, and Radiologic Technology)
 - *Oncology and Palliative Care* (Bachelor's in Nursing)
- **2021–2023** – Member of Degree Committees:
 - *Medical School (LM-41)* – Sessions: 11.07.2023, 24.03.2022
 - *Bachelor's in Nursing (L/SNT1)* – Session: 15.11.2024

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.

PALERMO, JULY 7, 2025

SIGNATURE

