

CURRICULUM VITAE ET STUDIORUM

VINCENZO BRONTE, M.D.

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MAJOR SCIENTIFIC ACHIEVEMENTS

Prof. Vincenzo Bronte, M.D., began his research career at the University of Padova, Italy, subsequently joining Dr. Restifo's laboratory at the Surgery Branch of the National Institutes of Health (NIH) in Bethesda, MD, USA. There, he made significant contributions to cancer immunology and immunotherapy research, becoming recognized globally as a leading expert in developing novel cancer immunotherapeutic approaches.

Prof. Bronte was among the pioneering scientists who identified and characterized myeloid-derived suppressor cells (MDSCs), a population of myeloid cells with crucial immunoregulatory functions capable of impairing the efficacy of emerging immunotherapies. After his tenure abroad, Prof. Bronte returned to Italy, initially working at the University of Padova/Azienda Ospedaliera before moving to the University of Verona/Azienda Ospedaliera Universitaria Integrata (AOUI), where he has continued his groundbreaking studies in tumor immunology.

Throughout his career, Prof. Bronte has contributed to identifying key tumor-associated features that have reshaped the understanding of tumor immunology. The five most significant milestones in his work are:

1. Identification of MDSCs in Tumor-Bearing Mice and Cancer Patients: Prof. Bronte played a crucial role in elucidating the biology of MDSCs in tumor-bearing mice, demonstrating their role in controlling and limiting anti-tumor immunity (Blood, 2000; Journal of Clinical Investigation, 2006; Immunity, 2013; Immunity, 2014; Nature Communications, 2016). He also contributed to clinical studies exploring MDSCs as a potential biomarker for cancer (Nature Medicine, 2012).
2. Characterization of the Molecular and Enzymatic Pathways Driving Myeloid-Dependent Immunosuppression: Prof. Bronte's work focused on the role of arginase-1 and inducible NO synthase in regulating myeloid-dependent immunosuppressive activity, contributing to the understanding of arginine metabolism's role in cancer progression (Immunity, 2015; Cancer Cell, 2016; Immunity, 2017; Sci. Transl. Med, 2023).

3. Development of Innovative Tools to Overcome Tumor-Associated Immunosuppression: He contributed to the development of therapeutic approaches aimed at reversing immunosuppression and enhancing anti-tumor immunity, leading to significant advancements in cancer immunotherapy (Journal of Experimental Medicine, 2005; Science Translational Medicine, 2023).
4. Defining the Role of Tumor-Induced Emergency Myelopoiesis in Metastasis: Prof. Bronte's research identified how cancer-induced alterations in myelopoiesis promote the generation of pro-tumor elements that facilitate metastatic spread (Cancer Discovery, 2020).
5. Advancement of Innovative Cancer Immunotherapies: Prof. Bronte has been instrumental in the development of both active and passive cancer immunotherapies. His work includes the development of DNA (Cancer Research, 2001; Cancer Research, 2008), viral (Journal of Immunology, 1995), and peptide (Cancer Immunology Research, 2021) vaccines, nanoparticles with immune-modulatory properties (Journal of Immunology, 2017), and adoptive T cell transfer therapies for tumor-bearing hosts (Blood, 2010; Cancer Research, 2016).

Prof. Bronte is the author of about 229 articles published in peer-reviewed journals and 17 research monographs, chapters in collective volumes. In 2008, the eminent journal "*Science*" dedicated an article to Prof. Bronte and his American colleague Dmitry Gabrilovich as authors of one of the most important scientific discoveries in the tumor immunology field: the identification of MDSC (Marx J. Cancer Immunology. Cancer's bulwark against immune attack: MDS cells. *Science*. 2008, 319:154-6). His H-index is 87 on "*Scopus*" database (with 34,003 citations), 81 on "*Web of Science*" (with 30,043 citations) and 94 (i10-index of 189) on "*Google Scholar*" (with 46,568 citations). Among his research papers, 23 received at least one commentary and 13 of them have been evaluated by "*Faculty of 1000*". Moreover, Prof. Bronte is a co-inventor in 10 patents. In the last 20 years, Prof. Bronte participated as invited speaker in more than 190 international/national congresses. Prof. Bronte was recognized in the 2023 World Scientist and University Rankings by AD Scientific Index. Additionally, he was featured in the second edition of the Research.com ranking of top scholars in Immunology, as one of the Best Immunology Scientists of 2022. He also earned a spot in the 2021 Stanford University Rankings as one of the top 2% of scientists globally. He was included in the list of Highly Cited Researchers for 2018, 2019 and 2020 by "*Clarivate Analytics*" (147 scientists in total in the Immunology field). This list recognizes world-class researchers selected for their exceptional research performance, demonstrated by

production of multiple highly cited papers that rank in the top 1% by citations for field and year in Web of Science.

EDUCATION

- 07.18.1988: Medical Degree (M.D.) summa cum laude, University of Padova, Italy.
- 12.21.1992: Specialization (70/70) in Allergy and Clinical Immunology, University of Padova, Italy.

PROFESSIONAL EXPERIENCE

- From 1992 – 2010: Head of the HLA typing laboratory and Oncogenomic Unit
- February 1994 - September 1996: Exchange scientist at the Surgery Branch of the National Cancer Institute, National Institute of Health, Bethesda.
- 1990 -1992: Post-doctoral fellowship from “Italian Association for Cancer Research”.
- 1988-1989: Fellowship from Fidia Pharmaceuticals - research project developed in the Oncology Institute in the University of Padua.
- November - December, 1989: visiting fellow at the Roche laboratories, Basel, Switzerland.

AWARDS AND HONORS

- December 2023: award “Honorary title of Order of Merit of the Italian Republic (awarded by the President of the Republic, Sergio Mattarella).
- October 2021: award “RECTI-EQUES - PALADINI ITALIANI DELLA SALUTE” for the medical research results, awarded by the Associazione Liber, Roma, Italy.
- January 2019: Winner of the prize “*Veronese dell’anno 2018*” for the research achievements in cancer immunotherapy awarded by the city hall of Verona, Italy.
- November 2008: Winner of the Prize “*Guido Venosta*” for oncology researchers awarded by the Italian Foundation for Cancer Research (FIRC).
- July 2008: Winner of the prize “*Timone d’argento*” awarded by Lion's Club of Gela, for distinguished Sicilians in the field of art, literature, economy, sport, and science.
- April 2007: Winner of the International Prize “*Francesco De Luca*” for scientific Oncology career awarded by the Accademia Nazionale dei Lincei, Rome, Italy.

POSITION HELD

- From March 2022: Scientific Director of the Veneto Institute of Oncology IOV- IRCCS, Padua, Italy.
- 2011 – 2022: Full Professor of Immunology at the School of Medicine and Head of the Immunology Section of the Department of Pathology and Diagnostics, University of Verona, Italy (**temporary leave as demanded for the appointment of Scientific Director**).
- 2018 –2022: Head of the PhD school in “Life and Health Sciences” at the University of Verona, Italy.
- 2007- 2014: Group leader at the Venetian Institute for Molecular Medicine (VIMM), Padova, Italy.
- 1997 - 2010: Head of the HLA typing laboratory and Oncogenomic Unit at Istituto Oncologico Veneto (IRCCS), Padova, Italy.
- 1992 - 2010: Staff scientist - clinical associate at the Istituto Oncologico Veneto (IRCCS), Padova, Italy; Contract professor of Immunology and Pathology at the School of Medicine of the University of Padova, Italy.

INSTITUTIONAL ACTIVITIES

TEACHING

Since 1989 Dr. Bronte has been teaching Immunology, Immunohematology, Immunopathology, Molecular and General Pathology as non-tenured Professor of the Medicine Faculty, University of Padova, Italy. From January 2011, as Tenured Full Professor of Immunology and Immunopathology at the University of Verona, Italy, he gave the following teaching courses:

2011- present	Immunology, University of Verona/Master's degree in Medicine and Surgery/ Italy.
2014- present	Immunology, PhD School of Life and Health Science, Doctoral Program in Inflammation, Immunity and Cancer, University of Verona.
2011-2017	Introduction to Pathology and Immunology, University of Verona/ Master's degree in Biotechnology.

2012-2015 Tumor immunology and immunomodulation, University of Verona/Master's degree in Medicine and Surgery.

THESIS SUPERVISOR

PhD THESIS

- AA 2018/2019: candidate Francesca Hofer, "*Unveiling the role of DAB2-expressing macrophages in supporting the metastatic spread*", PhD School in Health Sciences, program in Inflammation, immunity and Cancer, University of Verona, Italy.
- AA 2017/2018: candidate Sara Sartori, "*Tumor-derived exosomes favor immunosuppression and metastatic spread by acting on myeloid cells*", PhD School in Health Sciences, program in Inflammation, immunity and Cancer, University of Verona, Italy.
- AA 2016/2017: candidate Rosalinda Trovato, "*Identification of potential myeloid cell-related biomarkers of early stage of metastatic process in pancreatic tumor*" PhD School in Health Sciences, program in Inflammation, immunity and Cancer, University of Verona, Italy.
- AA 2016/2017: candidate Alessandra Fiore, "*Myeloid-derived suppressor cell (MDSC) immunomodulation by c-FLIP*", PhD School in Health Sciences, program in Inflammation, immunity and Cancer, University of Verona, Italy.
- AA 2015/2016: candidate Andrielly Henrique Rocha Agnellini, "*The role of nitric oxide in cancer immunotherapy*", PhD School in Oncology and Surgical Oncology, University of Padua, Italy.
- AA 2015/2016: candidate Irene Pagliarello, "*Cross-talk between myeloid and mesenchymal stem cells (MSC) in the aged human bone marrow*", PhD School in Translational Biomedical Sciences, program in Translational Biomedicine, University of Verona, Italy.
- AA 2014/2015: candidate Sara Sandri, "*Targeting telomerase in B-cell chronic lymphocytic leukemia*", PhD School in Translational Biomedical Sciences, program in Translational Biomedicine, University of Verona, Italy.
- AA 2013/2014: candidate Bianca Calì, "*Cellular communication cancer therapy: targeting Ca²⁺ and No signalling within the tumor microenvironment*", PhD School in Oncology and Surgical Oncology, University of Padua, Italy.

- AA 2013/2014: candidate Maria Stella Sasso, *"Targeting immunosuppressive myeloid cells using nanocarriers to improve cancer immunotherapy"*, PhD School in Oncology and Surgical Oncology, University of Padua, Italy.
- AA 2011/2012: candidate Giacomo Desantis, *"Altered differentiation of tumor-associated monocytes and macrophages following generic ablation of disabled homolog 2 gene"*, PhD School in Oncology and Surgical Oncology, University of Padua, Italy.
- AA 2010/2011: candidate Serena Zilio, *"Role of Arginase 1 and Nitric Oxide Synthase 2 as enzymatic mediators of the immunosuppressive activity in tumor-infiltrating myeloid derived suppressor cells"*, PhD School in Oncology and Surgical Oncology, University of Padua, Italy.
- AA 2009/2010: candidate Francesca Papalini, *"Analisi del programma tollerogenico delle cellule soppressorie di origini mieloidi"*, PhD School in Oncology and Surgical Oncology, University of Padua, Italy.
- AA 2009/2010: candidate Elisa Peranzoni, *"Studio dei circuiti di controllo in sottopopolazione di cellule mieloidi soppressive indotte dalla crescita tumorale"*, PhD School in Development Medicine and Programming Sciences, program in Hematooncology and Immunology, University of Padua, Italy.
- AA 2008/2009: candidate Ilaria Marigo, *"Il programma tollerogenico delle cellule soppressorie di origine mieloidi dipende dal fattore di trascrizione C/EBPbeta"*, PhD School in Oncology and Surgical Oncology, University of Padua, Italy.
- AA 2007/2008: candidate Stefano Ugel, *"Approcci di immunoterapia attiva e passiva basati sull'antigene telomerasi in modelli di carcinogenesi murina"*, PhD School in Oncology and Surgical Oncology, University of Padua, Italy.
- AA 2005/2006: candidate Luigi Dolcetti, *"Definizione di marcatori molecolari che caratterizzano le cellule mieloidi soppressorie"*, PhD School in Oncology and Surgical Oncology, University of Padua, Italy.
- AA 2001/2002: candidate Paolo Serafini, *"Cellule mieloidi soppressorie genomica funzionale e analisi molecolare del meccanismo di soppressione"*, PhD School in Oncology and Surgical Oncology, University of Padua, Italy.

THESIS EXTERNAL EXAMINER

PhD THESIS

- AA 2023-2024: candidate Francesco Pileri, “Marker-based CRISPR Screenings to Characterize Kinases Controlling Macrophage Activation”, PhD School in Systems Medicine, European School of Medicine

SPECIALIZATION THESIS

- AA 2005/2006: candidate Ilaria Marigo, “*Proprietà inibitorie sui linfociti T citotossici di una sottopopolazione di monociti infiammatori indotta dal tumore*”, Medical School, Specialization course in Clinical Pathology University of Padua, Italy.
- AA 1999/2000: candidate Elisa Apolloni, “*Inibizione della risposta immune cellulo-mediata indotta da cellule mieloidi soppressorie*”, Medical school, Specialization course in Allergology and Clinical Immunology - Diagnostic Immunology - University of Padua, Italy.

MASTER DEGREE THESIS

- AA 2018/2019: candidate Nicolò Rashidy, “*Caratterizzazione delle cellule MDSC circolanti nei pazienti con tumore pancreatico*”, Medical school, Master degree in Medicine and Surgery, University of Verona, Italy.
- AA 2018/2019: candidate Giacomo Bertelli “*Characterization of circulating myeloid derived suppressor cells in non-small-cell lung carcinoma patients enrolled for check point inhibitor therapy*”, Medical school, Master degree in Medicine and Surgery, University of Verona, Italy.
- AA 2016/2017: candidate Anna Reni, “*Target therapy e immunomodulazione: effetto di esosomi di melanoma sull’attività di cellule mieloidi soppressorie*”, Medical school, Master degree in Medicine and Surgery, University of Verona, Italy.
- AA 2015/2016: candidate Barbara Zerbato “*Ingegnerizzazione di cellule T con un recettore anti-htert per l’immunoterapia adottiva della leucemia linfoblastica acuta*”, Bachelor’s degree in Biotechnologies, University of Verona, Italy.
- AA 2015/2016: candidate Giulia Barban, “*Ruolo delle cellule soppressorie di origine mieloide (MDSC) nel promuovere il processo metastatico*”, Bachelor’s degree in Biotechnologies, University of Verona, Italy.

- AA 2014/2015: candidate Daniele Pellegrini, *“Verifica dell’efficacia funzionale di Linfociti T trasdotti per l’espressione di un TCR specifico contro l’epitopo NS31406-1415 del virus HCV”*, Bachelor’s degree in Biotechnologies, University of Verona, Italy.

AWARDED FELLOWSHIPS

- 2020: two-year fellowship (2020-2022) of 50.000 € financed by FIRC-AIRC *“Fellowships for Italy”*, won by Post-Doc Annalisa Adamo. Title: *“Unveiling the role of c-FLIP and c-FLIP-expressing immunosuppressive myeloid cells in non-small-cell lung carcinoma”*.
- 2018: three-year fellowship (2018-2021) of 90.000 € financed by AIRC, *“Prof.ssa Elena Valentino”*, won by Post-Doc Varvara Petrova. Title: *“The role of S100 proteins in exosome-mediated cancer to immune system crosstalk”*.
- 2018: three-year fellowship (2018-2021) of 75.000 € financed by FIRC-AIRC, *“Guglielmina Lucatello and Gino Mazzega”*, won by Post-Doc Rosalinda Trovato. Title: *“Unveiling the molecular insights of hot and cold tumors to enhance immunotherapy efficacy in PDAC”*.
- 2017: two-year fellowship (2017-2019) of 110.050 € financed by AIRC, *“Fellowships for abroad”* won by Post-Doc Alessandra Fiore. Title: *“Mechanistic dissection of tryptophan metabolism in the pancreatic tumor microenvironment”*.
- 2015: three-year fellowship (2015-2018) of 75.000 € financed by FIRC-AIRC *“Guglielmina Lucatello and Gino Mazzega”* won by Post-Doc Sara Sandri. Title: *“Validation of the role of DA B-2 protein in the metastatic process”*.
- 2013: three-year fellowship (2013-2016) of 75.000 € financed by AIRC, *“Clienti Carrefour”*, won by Post-Doc Francesco De Sanctis. Title: *“Targeting Arg-1 in MDSCs to improve the innovative immunotherapeutic approach in pancreatic cancer”*.
- 2013: one-year fellowship (2013) of 20.000 € financed by AIRC, *“Guerrina Massarenti”*, won by Post-Doc Giacomo DeSantis. Title: *“DAB2 is required for correct macrophage differentiation and metastatic spread in tumor-bearing mice”*.
- 2009: three-year fellowship (2009-2011) financed by AIRC, won by Post-Doc Francesca Simonato. Title: *“Ruolo dei microRNA nell’immunosoppressione mediata dalle cellule mieloidi soppressorie”*.

- 2002: three-year fellowship (2002-2005) financed by NiCOX, won by Post-Doc Carmela De Santo. Title: *“Targeting myeloid derived suppressor cells with Nitro-aspirin”*.

COMMITTEES

- 2019: Chair of the Committee for the final exam of PhD School in Molecular Medicine, University of Milano, Italy.
- 2019: Chair of the Committee for a public competition for a category D post – Technical, scientific, and data processing area (Cod.2019dpev005), University of Verona, Italy.
- 2019: Member of the Committee for a public competition for post. n. 1 associate Professor in the sector Med/04 Pathology, Department of Medicine – University of Perugia (sede di Terni), Italy.
- 2018: Member of the Committee for a public competition for post. n. 1 associate Professor in the sector - MED/04 - Pathology, Department of Biomedical Science – University of Padova, Italy.
- 2017: Member of the Committee for the final exam of PhD School in Systems Biology in Immune and Infectious Pathologies, University of Perugia, Italy.
- 2016: Member of the Committee for a public competition for post n. 1 of assistant Professor in the sector Med/04 Pathology, Department of Biomedical Science – University of Padova, Italy.
- External Evaluator of PhD thesis in Immunosuppressive. Immunosuppressive Networks in Cancer. Altered myeloid differentiation and immune dysfunctions in cancer. From Tumor Immunology to Immune Therapy of Cancer (course no 1594). Karolinska Institutet, Stockholm, Sweden.

OTHER ASSIGNMENTS

- 2020 – 2021: Chief of the Committee that evaluate the high-quality standard in teaching of Sant’Anna School of Advanced Studies, Pisa, Italy.
- November 2019 - present: associated-chief of Research development at the University of Verona, Italy.

- Member of the Council for Degree Course in Medicine and Surgery, University of Verona.
- Member of Council for PhD school in PhD in Inflammation, Immunity and Cancer, University of Verona, Italy.
- Member of the Scientific Committee of the interdepartmental center of service for the experimental research (Centro Interdipartimentale di Servizio alla Ricerca Sperimentale - CIRSAL), University of Verona, Italy.

THIRD MISSION

1. PRESS REVIEW

- 15/10/2021: journal "il giornale di Vicenza", titolo: *"Scoperta una falla che può scatenare il Covid grave"*, pag. 8.
- 15/10/2021: journal "Corriere di Verona", titolo: *"La ricerca sul farmaco che inibisce il Covid"*, pag. 5.
- 15/10/2021: journal "L'Arena", titolo: *"Il farmaco contro l'artrite che combatte anche il Covid"*, pag. 15.
- 14/10/2021: journal, "Verona Sera", title: *"Contro il Covid-19, i risultati di oltre un anno di ricerche del progetto scientifico Enact"*. On-line.
- 14/10/2021: journal, "telenuovo.it", title: *"Covid, ecco i risultati dello studio dell'università di Verona su forme più gravi di malattia"*. On-line.
- 14/10/2021: journal, "mattinodiverona.it", title: *"Univr presenta i risultati del progetto - Conoscerlo per sconfiggerlo, alleanza contro il Covid-19"*. On-line.
- 14/10/2021: journal, "insalutenews.it", title: *"Covid, conoscerlo per sconfiggerlo. Il punto dei ricercatori UniVerona sul progetto Enact"*. On-line.
- 25/07/2020: journal "L'Arena", title: *"Una proteina può impedire la metastasi"*, p. 11.
- 24/07/2020: journal "Ansa.it - Salute&Benessere", title: *"Tumori, una proteina può predire comparsa metastasi"*. On-line.
- 24/07/2020: journal "La Repubblica", title: *"Una proteina ha un ruolo chiave nella formazione di metastasi"*. On-line.
- 28/03/2020: journal "La Repubblica", title: *"Vitamina D contro il Corona Virus? Solo un'ipotesi"*. On-line

- 21/03/2020: journal "L'Arena", title: "*Si muove anche la ricerca, due milioni da Cariverona*", p. 12.
- 21/03/2020: journal "Corriere del Veneto", title: "*L'immunologia di Verona: uno studio sugli effetti del Coronavirus*". On-line.
- 11/10/2019: journal "Benessere, la salute con l'anima", title: "*Una proteina ci tradisce e aiuta il tumore a crescere*", p. 8.
- 11/10/2019: journal "La Cronaca di Verona e del Veneto", title "*Laurea ad honorem al premio Nobel per la medicina*", p. 8.
- 11/10/2019: journal "L'Arena", title: "Laurea Honoris Causa in medicina al Nobel James Patrick Allison", p. 17.
- 11/10/2019: journal "Corriere di Verona", title: "*Il premio Nobel: sconfiggere il cancro si può*", p. 7.
- 06/12/2018: journal "Gazzettino", title: "*Scoperta delle Università venete contro i tumori e la celiachia*", p. 15.
- 06/12/2018: journal "Corriere di Verona", title: "Dall'eccellenza universitaria la nuova arma anti-tumori. Lotta ai tumori, identificata la molecola che ostacola l'efficacia delle terapie", pp. 1-6.
- 06/12/2018: journal "Cronaca di Verona e del Veneto", title: "*Identificata una molecola, ostacola la cura dei tumori*", p. 10.
- 06/12/2018: journal "Arena", title "*Da Verona una nuova frontiera nella lotta contro il cancro*", p. 14.
- 03/10/2018: journal "Corriere del Veneto", title: "*Allison, premio Nobel texano che ama il blues*", p. 14.

2. TV - PRESS REVIEW

- 13/09/2021: Sky Tg24 - Tg 18:30, interview about Covid-19
- 20/05/2021: Sky Tg24 - Tg 18:30, interview about Covid-19
- 15/05/2021: Telenuovo - Tg, interview about Covid-19
- 07/04/2021: Sky Tg24 - Tg 18:30, interview about Covid-19
- 11/03/2021: Sky Tg24 - Tg 18:30, interview about Covid-19
- 04/02/2021: Sky Tg24 - Tg 18:30, interview about Covid-19.
- 27/01/2021: Sky Tg24 - Tg 18:30, interview about Covid-19.

- 13/01/2021: TG 3 (Veneto): interview: “Gli effetti del Covid-19 nel lungo periodo”.
- 09/01/2021: Telenuovo - Tg, interview about Covid-19.
- 23/12/2020: Sky Tg24 - Tg 18:30, interview about Covid-19.
- 25/07/2020: press report “Sky Tg24”, title: *“Tumori, scoperta una proteina che può predire la comparsa di metastasi”*.
- 14/05/2020: Telenuovo - Tg, interview.
- 01/04/2020: Telenuovo - Tg Verona 20:30, interview.
- 08/11/2019: Uno Mattina - Rai Uno 08:42 - *“L’immunoterapia del cancro: ne parla il Prof. Vincenzo Bronte, docente universitario e direttore dell’unità operativa complessa di Immunologia presso l’azienda ospedaliera universitaria integrata di Verona”*, interview about cancer.
- 10/10/2019: Telenuovo - Tg Verona 20:41 - *“Il premio Nobel per la medicina James P. Allison è ospite in questi giorni all’Università di Verona”*, press report.
- 10/10/2019: Tele Arena - Tg Arena 19:42 - *“All’Università di Verona è stato insignito della laurea honoris causa il Nobel per la medicina James Patrick Allison”*, press report.
- 05/12/2018: Telenuovo - Tg Verona 19:15 - *“Importante scoperta medica all’Università degli Studi di Verona”*, press report.
- 05/12/2018: Tele Arena - Tg Arena 19:30 - *“Un passo avanti nella lotta contro il cancro”*, press report.

3. RADIO - PRESS REVIEW

- 05/01/2021: Radio Capital - interview about Covid-19.
- 06/11/2019: Radio 3 Scienza - 11:00 - *“I giorni della Ricerca”*, interview.
- 05/12/2018: Rai Radio Uno Veneto - Gr1 Veneto - 18:30 - *“Le nuove frontiere della medicina a Verona”*, interview
- 05/12/2018: Radio Verona - Gr - 19:45 - *“Nuove frontiere nella lotta al cancro”*, interview.
- 05/12/2018: Radio Verona - Gr - 14:00 - *“Identificata molecola che ostacola l’efficacia delle terapie per la cura dei tumori”*, interview.

4. OTHERS

- 17/04/2025: Speaker for the project "AIRC Campus", streaming lecture for the Università degli Studi di Padova, Italy.
 - 22/10/2024: Speaker for the project "AIRC Campus", streaming lecture for Università degli Studi di Napoli, "Federico II", Italy.
 - 26/03/2021: Speaker for the project "AIRC Campus", streaming lecture for Università degli Studi di Napoli, "Federico II", Italy.
 - 17/03/2021: Speaker for "Univax Day", "*La risposta immune: un'arma a doppio taglio*", Università degli Studi di Verona, Italy.
 - 09/05/2019: Speaker for "Galileo Festival", title: "*Le frontiere della ricerca sul cancro. Genomica, immunologia, metabolismo, oncologia computazionale*", Padova, Italy.
 - 16/04/2019: Speaker for "AIRC nelle scuole", Istituto Comprensivo Corvi di Canneto (MN), Italy.
- 04/02/2019: Speaker for "Univax Day", title "Come funziona il sistema immunitario", at University of Verona, Italy.

ASSISTANCE JOBS

- 2011 - present: Immunology UOC Director regarding Pathology and Diagnostic IAD.
- 2004 - 2011: Medical Director - Exclusive contract - Highly professional - Anatomy and pathological Histology permanent contract.
- 1999 - 2004: Medical Director - exclusive contract - Anatomy and Pathological Histology permanent contract.
- 1998 - 1999: Medical Director, First level Medical Assistant, Ex art. 117, Anatomy and Pathological Histology permanent contract.
- 1996 - 1998: Medical Director, First level Medical Assistant, Anatomy and Pathological Histology permanent contract.
- 1993 - 1996: Medical Director, First level Sub B section Medical Assistant, Anatomy and Pathological Histology permanent contract, full time.
- 1992 - 1993: Medical Assistant, Anatomy and Pathological Histology permanent contract, full time.

EDITORIAL BOARD

- 2020: Cancer Research - Board Member.
- 2014: Frontiers in Oncology.
- 2013: Cancer Immunology Research - Senior Editor.
- 2013: Journal of Immunology - Section Editor.
- 2011: Frontiers in Tumor Immunity.
- 2010: Journal of Immunology - Section Editor.
- 2009: Journal of Clinical Investigation - Consulting Editor.
- 2003: Journal of Translational Medicine.
- 2001: Current Gene Therapy

GUEST EDITOR

- 2018: Seminars in Immunology; He coordinated the edition titled “The mesenchymal and myeloid regulation of immunity” Volume 35, pages 1-80, February 2018.

SOCIETY BOARD AND CONGRESS

- 2025: Board of Scientific Organizing Committee for AAC 2025, 10th Annual Meeting Alliance Against Cancer, New Technologies and Strategies to fit Cancer. Verona, Italy. Sept.18-20, 2025.
- 2025: Board of International Scientific Organizing Committee for CICON-25, CRI-ENCI, Ninth International Cancer Immunotherapy Conference, TRANSLATING SCIENCE INTO SURVIVAL. Utrecht, The Netherlands. Sept. 10-12, 2025.
- 2025: Board of International Scientific Organizing Committee for CIMT 2025, Mainz, Germany. May. 11-14, 2025.
- 2025: Board of International Scientific Organizing Committee for ISPHAV 2025: Cancer and cardiovascular diseases: common mechanisms and strategies of prevention. Erice, July 27-30, 2025.
- 2024: Executive Board Member of CIMT (German Association for Cancer Immunotherapy).
- 2024 to date: President of *Network Italiano per la BioTerapia dei Tumori* (NIBIT) Scientific Society.

- 2018: Board of the Scientific Council of the *Network Italiano per la BioTerapia dei Tumori* (NIBIT).
- 2018: Board of International Scientific Organizing Committee for the “32nd annual EMDS (*European Macrophage and Dendritic Cell Society*), *The cross-road between macrophages and dendritic cells: from immunometabolism to single cell fate*”, 27-29 September 2018, Verona, Italy.
- 2016: Elected Member of the “*European Academy for Tumor Immunology*”, (EATI).
- 2016: Board of Local Scientific Committee of 58th Annual Meeting of the Italian Cancer Society (SIC): *Revolutionary Road. Accelerating conversion of cancer biology into personalized clinical oncology*, 5-8 September, Verona, Italy.
- 2016: Board of the “*International Scientific Organizing Committee of Regulatory Myeloid Suppressor Cells Conference*”, 16 - 19 June, Philadelphia, PA, USA.
- 2015: Member of the “*Cancer Immunotherapy Fellowships Awards and Immune Biomarkers Task Force dell’International Society for Immunotherapy of Cancer*”, (SITC).
- 2013: Board of Advisory Scientific Committee of the “*15th International Congress of Immunology*”, Milano, Italy.
- 2012: Board of Advisory Scientific Committee of “*Corso Avanzato di Citometria a Flusso - Applicazioni in Oncologia e Immunologia*”, Verona, Italy.
- 2009: Board of Directors of the “*Cancer Italian Society*”, (SIC).
- 2008: Board of Scientific Advisors of the “*Accademia Nazionale di Medicina*”.

INSTITUTIONAL SCIENTIFIC BOARD

- 2018: Board of the The Scientific and Technical Committee of IRCCS Sacro Cuore – Don Calabria di Negrar, Verona, Italy.
- 2017: Member of the Advisory Committee of “*Fondazione Pisana per la Scienza*” (FPS), Pisa, Italy.

ALBO

- 2019: Component of the board “*Esperti di Valutazione*” of ANVUR for the evaluation of the “*Scuole Superiori a Ordinamento Speciale*”, Italy.

ID FUNDING

- Associazione Italiana per la Ricerca sul Cancro (AIRC). *“CLAudins as Regulator of tumor immunity (CLARITY)”*. Project code: IG-2378830663, (2025-2030), 1.416.000,00 €.
- PNRR. Project: *“Persistent, aberrant myelopoiesis as etiological factor for chronic illness and metastatic disease”*. Project code: PNRR-MAD-2022-12375871, (2023-2025), 1.000.000 €
- Ministero della Salute. Project: *“Implementazione di una piattaforma di imaging basata sulla spettrometria di massa in ambito di ricerca traslazionale e di diagnostica avanzata”*. Project code: CC-2022-23682591, (2023-2025), 732.000 €.
- Ministero della Salute. Progetto ordinario di ricerca finalizzata: *“An integrative approach to identify immune suppressive features in glioma patients”*, Resp. Unità Operativa 3, PI Susanna Mandruzzato. (2019-2022), 109.000 € su un totale di 269.900 €.
- Fondazione TIM. Co-finanziamento di progetto ENACT: task force *“Immunovid”*. (2020-2022), 250.000 €.
- Fondazione Cariverona. Progetto: *“Alleanza contro il Covid-19 (ENACT)”*. Coordinatore del progetto e responsabile del sottoprogetto. (2020-2022), 750.000 € su un totale di 2.000.000 €.
- Cancer Research Institute Clinic and Laboratory Integration Program (CLIP) Grant. Project: *“CHARON - Claudins Help the ARest of cytotoxic T lymphocytes in tumors improving immunotherapy”*, (2020-2022), 196.000 \$. (Coordinator).
- Associazione Italiana per la Ricerca sul Cancro (AIRC). *“TrainEd MonocytoPoiesis in cancer progression (TEMPO)”*. Codice progetto: IG-23788, (2020-2025), 1.093.000 €.
- Ministero dell'Istruzione, dell'Università e della Ricerca (MIUR). Progetto: *“Deciphering the molecular and functional heterogeneity of myeloid cells in cancer”*. Progetto PRIN 2017, CUP: B38D19000260006, (2019-2022), 185.898 €.
- EU Grant, Euro NanoMed III - 2016. Progetto: *“RESOLVE - suppression of immunopathology by nanoparticle delivery of mRNA to monocytes”*. (2018-2021), 178.710,70 €.
- Fondazione Cariverona. Progetto: *“Analisi e caratterizzazione delle cellule mieloidi in neoplasie solide ed ematologiche”*. (2018-2020), 120.000 €.

- Cancer Research Institute Clinic and Laboratory Integration Program (CLIP) Grant. Progetto: *"Neutralizing human arginase to enhance cancer immunotherapy"*. (2017-2019), 192.000 \$.
- Associazione Italiana per la Ricerca sul Cancro (AIRC). Progetto: *"Innovative tools for early diagnosis and risk assessment of pancreatic cancer"*. Codice progetto: Multi Unit extension AIRC 5x1000 - 12182, (2011-2017), 284.090 €.
- Associazione Italiana per la Ricerca sul Cancro (AIRC). Progetto: *"Exosome - driven antiviral response in the metastatic dissemination of pancreatic cancer"*. Codice progetto: IG - 18603, (2017-2019), 634.000 €.
- Ministero della Salute. Progetto: *"Investigation of the role of extracellular ATP and the P2X7 receptor in the modulation of immunosuppression within tumour microenvironment"*. Progetto finalizzato, codice CUP: E35G14000190001, (2014-2017), 230.000 €.
- Associazione Italiana per la Ricerca sul Cancro (AIRC). Progetto: *"AREA 2 - An integrated approach to chronic lymphoproliferative disorders: B - CLL and virus - related neoplasia"*. Codice progetto: Multi Unit Regional - 6599, (2013-2015), 124.000 €.
- Associazione Italiana per la Ricerca sul Cancro (AIRC). Progetto: *"Molecular control of the metastatic process by adaptive and innate immunity"*. Codice progetto: IG - 14103, (2014-2017), 530.000 €.
- EU Grant, 7th Framework Programme. Progetto: *"New Oral Nanomedicines - transporting therapeutic macromolecules across the intestinal barrier (acronym: Trans - int)"*, (2012-2017), 301.400 €.
- Ministero dell'Istruzione, dell'Università e della Ricerca (MIUR). Project: *"RNA e nanotecnologie del controllo dell'immunosoppressione neoplastica sostenuta da catabolismo degli aminoacidi - RNA and nanotechnology for the control of cancer-dependent immunosuppression by amino acid catabolism"*. Project FIRB, codice CUP: B31J11000420001, (2012-2015), 460.400 €.
- Fondazione della Cassa di Risparmio di Padova e Rovigo. Project: *"Immunotherapy of prostate cancer: promises and limitations"*, (2012-2014), 1.500.000 €.
- Associazione Italiana per la Ricerca sul Cancro (AIRC). Progetto: *"Reprogramming tumor environment to increase the effectiveness of cancer immunotherapy"*. Codice progetto: IG - 10400, (2011-2014), 390.000 €.

- Associazione Italiana per la Ricerca sul Cancro (AIRC). Progetto: *"Innovative tools for early diagnosis and risk assessment of pancreatic cancer immunotherapy"*. Codice progetto: Multi Unit AIRC 5x1000 - 12182, (2011-2017), 961.636,50 €.
- Associazione Italiana per la Ricerca sul Cancro (AIRC). Progetto: *"AREA 2 - An integrated approach to chronic lymphoproliferative disorder: B - CLL and virus - related neoplasia"*. Codice progetto: Multi Unit Regional - 659, (2009-2012), 400.000 €.
- EU Grant, Euronamed call. Progetto: *"Lymphonanocarriers for the treatment of metastatic cancer"*, (2010-2012), 200.000 €.
- Università degli Studi di Padova. Progetto: *"Role of arginase 1 in tumor promotion and induction of tumor - associated immune dysfunctions"*, (2009-2010), 71.000 €.
- Fondazione della Cassa di Risparmio di Padova e Rovigo. Progetto: *"Myeloid - derived suppressor cells in chronic inflammation and cancer"*, (2008-2010), 420.000 €.
- Ricerca Oncologica 2006, Progetto ex art. 12 Ministero, Prot. N° 381143/50.00.034. Progetto: *"Identification of novel molecular targets in pancreatic cancer by analysis of tumor - stroma interaction"*, (2009-2010), 148.000 €.
- Programma Integrato per la Ricerca Oncologica, Ministero della Salute, n. RO Strategici 8/07. Progetto: *"Microambiente tumorale: ruolo nella progressione neoplastica ed effetti sulle difese dell'ospite. Identificazione di nuovi bersagli per lo sviluppo di terapie innovative"*, (2008-2011), 145.000 €.
- Association for International Cancer Research, U.K. Progetto: *"Evaluating the role of arginase 1 in tumor development and tumor-induced tolerance"*, (2008-2010), 138.000 €.
- Italia - U.S. program, Istituto Superiore di Sanità, Contratto 527/A/3A/1. Progetto: *"Micro - RNA in haematological cancers: a high - throughput approach based on tissue - specific microRNA libraries"*, (2007-2008), 250.000 €.
- Istituto Superiore per l'Alleanza Contro il Cancro, programma per la ricerca oncologica. "Rete solidale e collaborazioni internazionali" (DM del 21/07/2006, art. 3, ISS per ACC). Progetto: *"Development of new drugs restoring antitumor immune response by altering tumor microenvironment"*, (2007-2009), 1.200.000 €.
- Italia - Quebec program for scientific cooperation and technology development. Progetto: *"Metabolome and transcriptome analysis of tumor microenvironment - from pathogenetic mechanisms to marker discovery"*, (2006-2008).

- U.S. Department of Defence (ARMY). Progetto: “*Defining novel molecules to rescue immunity against prostate cancer - molecular and biological bases for new therapies*”, (2006-2008), 432.000 \$.
- Fondazione Italiana Sclerosi Multipla ONLUS (FISM). Progetto: “*Myeloid suppressor cells as a novel regulatory population to restrain autoimmune aggression in multiple sclerosis*”, (2006-2008), 68.000 €.
- Associazione Italiana per la Ricerca sul Cancro (AIRC). Progetto: “*MicroRNA in haematological cancers: a high - throughput approach based on tissue - specific microRNA libraries*”. Codice progetto: IG - 4175, 600.000 €
- Istituto Superiore Sanità (contratto 530/F - A3). Progetto: “*Use of novel drugs affecting L - arginine metabolism in myeloid suppressor cells ad adjuvant of adoptive cancer immunotherapy*”, (2004-2005), 50.000 €.
- Coordinatore nazionale del progetto FIRB - MIUR. Progetto: “*Genomic and functional analysis of accessory cells with regulatory activity on immune responses*”. Codice del progetto: RBAU01935A, (2004-2006), 200.000 €.
- Programma Italia - U.S. per la terapia del cancro. Ministero della Sanità, Istituto Superiore di Sanità, accordo di collaborazione scientifica n. T00.A17. Progetto: “*Novel approaches to overcome dysfunction of the immune responses caused by myeloid suppressor cells during neoplastic growth, expression in myeloid cells regulating the function of T lymphocytes*”. Codice: ITL90000000, (2001-2003), 45.000 €.

INVITED LECTURES AND PRESENTATIONS

Bronte V. The immune context in pancreatic ductal carcinoma. Seminar, SYNLAB SDN Napoli IRCCS, Italy, 31/01/2025

Bronte V. Immunosuppressive environment in pancreatic cancer. 10th Symposium on Advances in Cancer Immunology and Immunotherapy. Larissa, Italy, 5-7 Dec.2024.

Bronte V. The Immune Landscape of Pancreatic Ductal Carcinoma. Seminar, Dresden 03 December 2024.

Bronte V. The evolving immune ecosystem of pancreatic cancer. 9Th Annual Meeting New Technologies and Strategies to fight cancer. Reggio emilia, Italy, 28-30/11/2024.

Bronte V. The immune-excluded environment in pancreatic cancer. Botton-Champalimaud International Pancreatic Cancer Conference. Lisbon, Portugal, 23-26 October 2024.

Bronte V. Immunology and immunotherapy of tumours. AIRCampus. Napoli, Italy, 22 October 2024.

Bronte V. Immune evasion in pancreatic cancer. PIVAC 2024. Praga, 26-28 September 2024.

Bronte V. Targeting pro-tumour innate immune cells to enhance cancer immunotherapy. ECI 2024. Dublin, 1-4 September 2024.

Bronte V. ISSCA. Verona, Italy, 29-31 May 2024

Bronte V. CIMT. Mainz, Germany, 13-17 May 2024.

Bronte V. TIMO. Berlin, Germany, April 2024.

Bronte V. "XIX NIBIT - Cancer Immunity and Immunotherapy beyond COVID-19". Virtual Meeting. 14/10 to 15/10 - 2021.

Bronte V. "Difficult Allergy and Asthma Day". Verona. 02/10 - 2021.

Bronte V. "International Summer School on Immuno-Oncology: emerging targets and combination therapies". Virtual Meeting. 30/08 to 02/09 - 2021.

Bronte V. "Immune evasions mechanisms". Virtual Meeting. "53° Meeting of the European Pancreatic Club". 9/06 to 11/06 - 2021.

Bronte V. "An immune atlas for Covid-19". Virtual Meeting. "V Congresso ISCCA 2021". 19/05 to 21/05 – 2021.

Bronte V. "Distinct pathways in tumor-infiltrating myeloid cells for their pro-metastatic and immune suppressive activities". Virtual Meeting. "CIMT 2021 Annual Meeting". 10/05 to 12/05 -2021.

Bronte V. "Immunità e vaccini". Virtual Meeting. "INFECTION 2021" - Forum di terapia antinfettiva. 15/04 to 16/04 - 2021.

Bronte V. "Innate immunity in cancer and Covid-19 patients". Virtual Meeting IRP. 15/12 - 2020.

Bronte V. "Tumor-driven intrinsic and extrinsic immunosuppression and immune editing". Virtual Meeting. SIC - "Precision Medicine: from tumor biology to clinical trials". 4/12 - 2020.

Bronte V. "Le frontiere dell'immunologia: circuiti di regolazione/autoimmunità". Virtual Meeting. Leading Immunology - "Il paziente immunologico tra ospedale e territorio: aspetti clinici, assistenziali ed organizzativi". 3/12 - 2020.

Bronte V. Virtual Meeting. SITC - "35th Anniversary annual meeting". 12/11 - 2020.

Bronte V. "Innate immune cells in Covid-19 and cancer". XVIII NIBIT Meeting - "COVID-19 at the intersection between cancer, immunity and immunotherapy". 15/10 to 16/10 - 2020.

Bronte V. Virtual Meeting. “DAB2-expressing TAMs promote cancer cell invasion. Myeloid cells and innate immunity in solid tumors (EK4-2021)”. 21/09 to 23/09 - 2020.

Bronte V. 29th Annual short course on experimental models of human cancer - “DAB2-expressing TAMs promote cancer cell invasion”. 17/08 to 28/08 - 2020.

Bronte V. Moderator in “Verona allergy and clinical immunology forum 2020”. 9/01 - 2020. Verona, Italy.

Bronte V. “The role of tumor-conditioned myeloid cells in shaping anti-tumor immunity”. Esmo Congress. 11/12 to 14/12 - 2019. Ginevra, Switzerland.

Bronte V. “Immune evasion strategie by myeloid cells in cancer”. 1st International symposium: “Immune evasion in malignant & chronic infectious diseases”. 21/11 to 23/11 - 2019. Deidesheim, Germany.

Bronte V. “Monocytes and macrophages promote cancer progression by molecular pathways either dependent or independent from adaptive immunity”. 17th ICI, IUIS2019. 19/10 to 23/10 - 2019, Beijing, China.

Bronte V. Chairman in “Macrophages and dendritic cells” session. 17th ICI, IUIS2019. 19/10 to 23/10 - 2019, Beijing, China.

Bronte V. Member of local secretary and chairman in “focus on pancreatic adenocarcinoma and other immune resistant tumors” session. XVII NIBIT Meeting. 11/10 to 13/10 - 2019. Verona, Italy.

Bronte V. “Myeloid cells in tumors”. Esmo congress. 27/09 to 01/10 - 2019. Barcellona, Spain.

Bronte V. “Molecular programs driving pro-tumoral activity in cancer-educated monocytes”. DGfl & SIICA 2019. 10/09 to 10/09 - 2019. Monaco, Germany.

Bronte V. “Myeloid reprogramming in cancer to divert anti-tumor immune response”. Highlights in immunology and oncohaematology. 18/06 to 19/06 - 2019. Roma, Italy.

Bronte V. “The role of myeloid-derived suppressor cells in tumor immune evasion”. Summer school immuno-oncology. 10/06 to 12/06 - 2019. Atene, Greece.

Bronte V. “Myeloid cells assist tumor progression by molecular mechanisms either dependent or independent from adaptive immunity”. PIVAC-19. 19th International conference on progress in vaccination against cancer. 07/06 to 09/06 - 2019. Atene, Greece.

Bronte V. “Modulation of apoptosis and transcriptional activity in tumor-educated, immunosuppressive monocytes”. ICVI: the international symposium on immunotherapy. 24/05 to 25/05 - 2019. Londra. UK.

Bronte V. “Monopoiesis in cancer”, 5th workshop on dendritic cell biology. 27/03 to 29/03 - 2019. Lisbona, Portugal.

Bronte V. Moderator in “l’Anemia da enteropia: questa sconosciuta”. 16/02 - 2019. Verona, Italy.

Bronte V. “The immune suppressive myeloid environment in cancers”, 40th EORTC-PAMM winter meeting. 06/02 to 09/02 - 2019.

Bronte V. “The cross-talk between cancer and myeloid cells promoter tumor development by immune dependent and independent mechanisms”, CIMT academy of translational cancer immunology, winter school. 12/01 to 16/01 - 2019. Obergurgl, Austria.

Bronte V. “The role of myeloid-derived suppressor cells in tumor immune evasion”, 4th symposium on advances in cancer immunology and immunotherapy. 29/11 to 01/12 - 2018. Atene, Greece.

Bronte V. “Lesson from cancer: “flipping” over monocytes into immune-suppressive cells”, XII annual Ri.MED scientific symposium. 12/10 - 2018. Palermo, Italy.

Bronte V. “Myelopoiesis in cancer: “flipping” over monocytes into immune regulatory cells”, XVI NIBIT meeting. 11/10 to 13/10 - 2018. Milano, Italy.

Bronte V. “The cross-road between macrophages and dendritic cells: from immunometabolism to single cell fate”, chairman of the 32nd annual EMDS (European Macrophage and Dendritic Cell Society). 27/09 to 29/09 - 2018. Milano, Italy.

Bronte V. “Altered myelopoiesis in cancer”, ImmunoRad. 20/09 al 22/09 - 2018. Parigi, France.

Bronte V. “Flipping over monocytes into immune regulatory cells”, ECI Congress. 02/09 to 05/09 - 2018. Amsterdam, Netherlands.

Bronte V. “Macrophages assist metastatic process through the regulation of endocytic pathway”, 15th Int’l Conference on innate immunity. 18/06 to 23/06 - 2018. Creta, Greece.

Bronte V. “Myelopoiesis and cancer: “flipping” over monocytes into immune suppressive cells”, CIMT 2018. 15/05 to 17/05 - 2018. Mainz, Germany.

Bronte V. “Arginase inhibitors”, TAT 2018. 05/03 to 07/03 - 2018. Parigi, France.

Bronte V. “Myelopoiesis and cancer: “flipping” over monocytes into immune suppressive cells + Q&A session”, INGM. 13/02 - 2018. Milano, Italy.

Bronte V. “Alteration of monocyte survival and immune dysfunctions in cancer”, Cancer immunotherapy 2017. 28/11 - 2017. Parigi, France.

Bronte V. “Role of myeloid-derived suppressor cells in cancer immune evasion”, 23th Congress of EHA. 24/11 - 2017. Amsterdam, Netherlands.

Bronte V. “Monocytes and macrophage in cancer”, SITC 32nd annual meeting. 08/11 to 12/11 - 2017. National Harbor, US.

Bronte V. “Tumor immunology: from tissue microenvironment to immunotherapy”, Ruggero Ceppellini Advanced School of Immunology. 16/10 to 18/10 - 2017. Napoli, Italy.

Bronte V. “Myeloid regulatory cell biology”, final COST AFACTT meeting cell-based tolerance inducing therapies. 11/10 to 13/10 - 2017. Barcellona, Spain.

Bronte V. “Myeloid cells assist tumor progression by molecular mechanisms either dependent or independent from adaptive immunity”, 17th International conference on progress in vaccination against cancer. 27/09 to 30/09 - 2017. Loutraki, Corinto, Greece.

Bronte V. Third annual CRI-CIMT-EATI-AACR international cancer immunotherapy conference. 06/09 to 09/09 - 2017. Mainz, Francoforte, Germany.

Bronte V. “Immune regulatory programs and popstosis in myeloid-derived suppressor cells”, 14th International conference on innate immunity. 19/06 to 24/06 - 2017. Heraklion, Crete.

Bronte V. “Manipulating the tumor environment”, FOCIS - SITC course on cancer immunity and immunotherapy. 14/06 - 2017. Chicago, US.

Bronte V. “Immuno regulatory pathways in tumor-conditioned monocytes”, Istituto italiano di cultura. 24/05 to 26/05 - 2017. Praga, Czech Republic.

Bronte V. Chairman in “Phagocytes in tumor biology and immunotherapy” session, 51th Annual scientific meeting of the european society for clinical investigation (ESCI conference 2017). 17/05 to 19/05 - 2017. Genova, Italy.

Bronte V. “Role of myeloid-derived suppressor cells in tumor immunity”, Keystone symposia, Cancer immunology and immunotherapy: taking a place in mainstream oncology. 19/03 to 23/03 - 2017. Whistler, Canada.

Bronte V. “Apoptosis regulation and immune suppressive programs in tumor-conditioned monocytes”, 9th Cellular therapy symposium. 16/03 to 17/03 - 2017. Erlangen, Germany.

Bronte V. “Myeloid-derived suppressor cells and their contribution to tumor immune escape”, 2nd Symposium on advances in cancer immunology and immunotherapy. 15/12 to 17/12 - 2016. Atene, Greece.

Bronte V. “Boosting cancer immunotherapy by interfering with myeloid-dependent suppression”, eati.lectures, European Academy of Tumor Immunology. 5/12 - 2016. Parigi, France.

Bronte V. “Molecular and metabolic control of adaptive immunity in cancer”, Viruses, Inflammation and Cancer. 14/11 to 16/11 - 2016. Venezia, Italy.

Bronte V. “Altered myelopoiesis and immune dysfunctions during cancer progression”, Easton seminar, Immunology department, University of Toronto. 24/10 - 2016. Toronto, Canada.

Bronte V. “Myeloid derived suppressor cells”, Metchnikoff’s legacy: tissue phagocytes and functions. - EFIS - EJI Ruggero Ceppellini Advanced School of Immunology. 12/10 to 14/10 - 2016. Napoli, Italy.

Bronte V. “Immune suppressive and immune stimulating monocytes in cancer”, second CRI-CIMT-EATI-AACR International cancer immunotherapy meeting. 25/09 to 28/09 - 2016. New York, US.

Bronte V. “Monocyte-dependent regulation of cancer immunotherapy”, 58th Annual Meeting of the Italian Cancer Society. Revolutionary Road: Accelerating Conversion of Cancer Biology into Personalized Clinical Oncology. 5/09 al 8/09 - 2016. Verona, Italy.

Bronte V. “Immune suppressive and immune stimulating monocytes in cancer environment”, Regulatory myeloid suppressor cells conference. 16/06 to 19/06 - 2016. Philadelphia, US.

Bronte V. “Tumor-induced deviation of myeloid cells”, 21st Congress of European Hematology Association. 09/06 to 12/06 - 2016. Copenhagen, Denmark.

Bronte V. Chairman in “Tumor immunology 2”, session X National Congress of Italian Society of Immunology, Clinical Immunology and Allergology (SIICA). 25/05 to 28/05 - 2016. Abano Terme, Italy.

Bronte V. “ABC di immunologia per oncologi clinici”, Carcinoma renale metastatico: continuità terapeutica e approccio multidisciplinare. 13/05 to 14/05 - 2016. Sirmione, Italy.

Bronte V. “Immune suppressive and immune stimulating monocytes in cancer”, 14th CIMT Annual meeting. 10/05 to 12/05 - 2016. Mainz, Germany.

Bronte V. “Recenti progressi nell’immunoterapia del cancro: la nuova frontiera”, La ricerca che cura: presente e futuro - 25° anniversario delegazione AIRC di Gela. 16/04 - 2016. Gela, Italy.

Bronte V. “Immune suppressive mechanisms in cancer microenvironment”, World Immune Regulation meeting - X. 16/03 to 19/03 -2016. Davos, Switzerland.

Bronte V. “The interplay between L-arginine metabolism and adoptive immunity in cancer”, CIIT seminar. 26/01 - 2016. Innsbruck, Austria.

Bronte V. “Myeloid stroma and regulation of adaptive immunity in cancer”, Innovative therapy monoclonal antibodies and beyond - 6th Edition. 22/01 - 2016. Milano, Italy.

Bronte V. “Plenary lecture: modulating the tumor environment to enhance cancer immunotherapy”, San Raffaele Hospital. 16/12 - 2015. Milano, Italy.

Bronte V. “Myeloid cells regulation of adaptive immunity in cancer”, Second Immunothercan symposium - Inflammation and Immunity in Cancer. 03/12 to 04/12 - 2015. Madrid, Spain.

Bronte V. “The interplay between L-arginine metabolism and adoptive immunity in cancer”, 44th Annual meeting of JSI. 18/11 to 20/11 - 2015. Sapporo, Japan.

Bronte V. Co-chairman “Innate Immunity” session, SITC 2015. 06/11 to 08/11 - 2015. National Harbor, US.

Bronte V. “The interplay between L-arginine metabolism and adoptive immunity in cancer”, ICGEB Seminars. 22/10 - 2015. Trieste, Italy.

Bronte V. “The interplay between L-arginine metabolism and adoptive immunity in cancer”, The Inaugural International Cancer Immunotherapy Conference: translating science into survival. 16/09 to 19/09 - 2015. New York, US.

Bronte V. “The interplay between L-arginine metabolism and adoptive immunity in cancer”, ECI Congress 2015. 06/09 to 09/09 - 2015. Vienna, Austria.

Bronte V. “Adoptive cell therapy reprograms tumor-infiltrating myelomonocytic cells”, Cell symposium: Cancer, Inflammation and Immunity. 14/06 to 16/06 - 2015. Sitges, Spain.

Bronte V. “Myeloid cells and cancer progression”, AACR Annual meeting 2015. 17/04 to 22/04 - 2015. Philadelphia, US.

Bronte V. “Interplay between tumor-specific CD8⁺ T lymphocytes and tumor-infiltrating dendritic cells for successful immunotherapy of cancer”, Istituto Regina Elena. 29/01 - 2015. Roma, Italy.

Bronte V. “Molecular and metabolic control of antitumor immunity by myeloid cells”, Joint DK Retreat in Cell Death, Inflammation and Immunity. 30/11 to 03/12 - 2014. Obergugel, Austria.

Bronte V. “Introduction to innate immunity”, SITC 2014 Annual Meeting. 06/11 to 09/11 - 2014. National Harbor, US.

Bronte V. “Myeloid-derived suppressor cells as targets for cancer immune modulation”, Joint National Ph.D. Meeting 2014. 23/10 to 25/10 - 2014. Pesaro, Italia.

Bronte V. “Molecular and metabolic control of antitumor immunity by myeloid cells”, VII annual Ri.MED symposium. 22/10 - 2014. Milano, Italy.

Bronte V. “Myeloid-derived suppressor cells as targets for cancer immunomodulation”, international symposium on Advanced Oncological Therapies. 14/10 to 16/10 - 2014. Madrid, Spain.

Bronte V. “Positive and negative myeloid regulators of intra-tumoral adaptive immunity”, 3rd Conference of translational medicine on pathogenesis and therapy of immune-mediated diseases, Workshop Italian Society of Immunology Clinical Immunology and Allergology. 30/09 to 01/10 - 2014. Milano, Italy.

Bronte V. “Myeloid-dependent tolerance: cells and molecular mechanisms”, 3rd International Conference on Immune Tolerance 2014, NH Grand Kransapolsky. 28/09 to 30/09 - 2014. Amsterdam, Netherlands.

Bronte V. Chairman at PIVAC, 14th International Conference on Progress in Vaccination Against Cancer. 24/09 to 26/09 - 2014. Roma, Italy.

Bronte V. “Regulation of intratumoral L-arginine metabolism by adaptive immunity”, Max Delbrück Center for Molecular Medicine. 07/07 to 09/07 - 2014. Berlino, Germany.

Bronte V. “Molecular and metabolic control of adaptive immunity in cancer”, King’s College. 01/07 to 03/07 - 2014. Londra, UK.

Bronte V. “Molecular and metabolic control of antitumor immunity by myeloid cells”, the German Cancer Research Center (DKFZ). 02/06 to 04/06 - 2014. Heidelberg, Germany.

Bronte V. “Myeloid-derived suppressor cells in cancer”, IX National Conference of the Italian Society of Immunology and Allergology (SIICA). 28/05 to 31/05 - 2014. Firenze, Italy.

Bronte V. “Regulation of intra-tumoral L-arginine metabolism by adaptive immune response”, Translational immunology 2014. 11/04 to 12/04 - 2014. Würzburg, Germany.

Bronte V. “Tumor-induced immune suppression by MDSC”, Keystone symposium 2014. 09/03 to 15/03 - 2014. Vancouver, Canada.

Bronte V. “Myeloid-derived suppressor cells: molecular characterization and therapeutic targeting”, Seminar in Onco Immunology. 05/02 to 06/02 - 2014. Toulouse, France.

Bronte V. “Role of macrophage in adaptive and innate immunity, models and tools to study macrophage functions”, EASL Basic School of Hepatology. 24/01 to 25/01 - 2014. Milano, Italy.

Bronte V. “Molecular and metabolic control of adaptive immunity in cancer”, Seminar at Brunel University. 16/12 to 18/12 - 2013. London, UK.

Bronte V. “Molecular and metabolic control of adaptive immunity in cancer”, Distinguished Lecture Series - The Wistar Institute. 26/11 to 27/11 - 2013. Philadelphia, US.

Bronte V. “Molecular and metabolic control of adaptive immunity in cancer”, University Loyola. 24/11 to 26/11 - 2013. Chicago, US.

Bronte V. “Introduction to innate immunity”, Society for Immunotherapy. 28/10 to 01/11 - 2013. Suzhou, China.

Bronte V. "Cancer metabolism and immune suppression", 11th NIBIT Meeting, Cancer Bio-Immunotherapy. 17/10 to 19/10 - 2013. Siena, Italy.

Bronte V. "Control of tumor-induced immunoregulatory network by microRNAs", Gene Vaccination in Cancer. 09/10 to 11/10 - 2013. Ascoli Piceno, Italy.

Bronte V. "Modulation of tumor microenvironment by microRNAs", 13th International Conference on Progress in Vaccination Against Cancer, PIVAC-13. 02/10 to 04/10 - 2013. Amsterdam, Netherlands.

Bronte V. "Molecular regulation of myeloid-dependent immune suppression", Danish Cancer Society symposium. 23/09 to 25/09 - 2013. Copenhagen, Denmark.

Bronte V. "Molecular and metabolic control of adaptive immunity by tumor-induced myelopoiesis", DGf1 Annual Meeting German Society for Immunology. 12/09 to 14/09 - 2013. Mainz, Germany.

Bronte V. "Molecular regulation of innate immunity in tumor microenvironment", ICI 2013, 15th International Congress of Immunology. 22/08 to 27/08 - 2013. Milano, Italy.

Bronte V. "Tissue Remodeling: learning from tumor microenvironment", CTS Cell Transplant Society. 07/07 to 11/07 - 2013. Milano, Italy.

Bronte V. "Control of tumor-induced immunoregulatory network by microRNAs", Roche Nature Medicine Immunology symposium. 28/04 to 30/04 - 2013. Buonas, Switzerland.

Bronte V. "Myeloid-derived suppressor cells", Keystone symposia, Cancer Immunology and Immunotherapy (J4). 27/01 to 01/02 - 2013. Vancouver, Canada.

Bronte V. "A tolerogenic environment in the spleen of tumor-bearing hosts", Lund Immunology Seminars Series, Lund University. 20/01 to 21/01 - 2013. Lund, Sweden.

Bronte V. "Chemotherapy alters a tolerogenic environment in the spleen of tumor bearing hosts", SITC Workshop Faculty, Society for Immunotherapy of Cancer. 24/10 to 25/10 - 2012. North Bethesda. US.

Bronte V. "A tolerogenic environment in the spleen of tumor-bearing hosts", Cancer Research Institute - From Milestones to Medicines: Translating Tumor Immunology Research into Immunotherapies. 01/10 to 03/10 - 2012. New York, US.

Bronte V. "CCL2 orchestrates a tolerogenic environment in the spleen of tumor-bearing hosts", Joint Annual Meeting of the International Cytokine Society (ICS) and the International Society for Interferon and Cytokine Research (ISICR). 11/09 to 14/09 - 2012. Ginevra, Switzerland.

Bronte V. "A tolerogenic environment in the spleen of tumor-bearing hosts". European Congress of Immunology. 01/09 to 05/09 - 2012. Glasgow, Scotland.

Bronte V. "CCL2 orchestrates a tolerogenic environment in the spleen of tumor-bearing hosts", EMDS European Macrophages and Dendritic Cell Society. 01/09 to 03/09 - 2012. Debrecen, Hungary.

Bronte V. "Cancer-induced peripheral tolerance occurs in a specialized splenic niche", Center for Cancer Immunology Research Grand Rounds Seminar Series. 13/06 to 15/06 - 2012. Houston, US.

Bronte V. "Interfering with tumor-induced myelopoiesis to enhance adoptive immunotherapy of cancer", Immunity and Inflammation in Disease", 7th International HBGP Student Council Symposium. 07/06 to 08/06 - 2012. Helsinki, Finland.

Bronte V. "The cancer macroenvironment modulates adaptive immunity against cancer". Immunology and Medicine Seminars. 31/05 to 02/06 - 2012. Cambridge, UK.

Bronte V. "Applicazioni in oncologia e immunologia", corso avanzato in citometria a flusso. 22/05 to 23/05 - 2012. Verona, Italy.

Bronte V. "L'allergologia e immunologia nel terzo millennio: from bedside to bench, dalla clinica alla proteomica", 111° Congresso Nazionale della Federazione delle Società Italiane di Immunologia, Allergologia e Immunologia Clinica (IFIACI). 02/05 to 05/05 - 2012. Verona, Italy.

Bronte V. "Cancer microenvironment and immune evasion. International symposium changing the microenvironment: new strategies for immunotherapy". 21/03 to 22/03 - 2012. Pamplona, Spain.

Bronte V. "Cancer and immunosuppression" 2nd EFIS-EJI Intensive Educational Course in Clinical Immunology. 28/11 to 30/11 - 2011. Parigi, France.

Bronte V. "Post-translational chemokine modification prevents intratumoral infiltration of antigen-specific T cells", NCRI Cancer Conference. 06/11 to 09/11 - 2011. Liverpool, UK.

Bronte V. "Post-translational chemokine modification prevents intratumoral infiltration of antigen-specific T cells", SITC Cancer Conference. 04/11 to 06/11 - 2011. North Bethesda, US.

Bronte V. "Interfering with the mechanisms of myeloid-dependent immune suppression in cancer: evidence in mice and humans". ESCII/NIBIT Meeting 2011, New perspectives in the immunotherapy of cancer. 19/10 to 22/10 - 2011. Siena, Italy.

Bronte V. "Pancreatic carcinoma and immunity, escape from immune system: from bench to bedside", XXV Congresso AISP. 13/10 to 15/10 - 2011. Peschiera del Garda, Italy.

Bronte V. “Post-translational chemokine modification prevents intratumoral infiltration of antigen-specific T cells”, Progress in vaccination against cancer - PIVAC 2011. 10/10 to 13/10 - 2011. Copenhagen, Danmark.

Bronte V. “Interfering with myeloid-dependent suppression to enhance the efficacy of cancer immunotherapy”, SIICA. 28/09 to 01/10 - 2011. Riccione, Italy.

Bronte V. “Post-translational chemokine modification in cancer: a strategy to control myeloid and lymphoid cell recruitment”, International meeting Chemokines and Chemokine receptors in cancer: role of microenvironment. 26/09 to 27/09 - 2011. Napoli, Italy.

Bronte V. “Targeting myeloid-dependent suppression to improve cancer immunotherapy”, 5th Aspen Symposium on Brain Tumor ImmunoTherapy. 31/07 to 03/08 - 2011. Limelight Lodge Aspen, US.

Bronte V. “Tumor immune evasion based on altered myelopoiesis: cells and molecular mechanisms”, 5th Aspen Symposium on Brain Tumor ImmunoTherapy. 31/07 to 03/08 - 2011. Limelight Lodge Aspen, US.

Bronte V. “Chemokine nitration prevents intratumoral infiltration of antigen-specific T cells”, 4th Waddensymposium on Novel strategies in immunotherapy of cancer. 26/06 to 29/06 - 2011. Texel, Netherlands.

Bronte V. “Myeloid-derived suppressor cells in cancer. Annual European Congress of Rheumatology “EULAR 2011”. 25/05 to 28/05 - 2011. Londra, UK.

Bronte V. “Immunologia dei tumori: myeloid-suppressor cells”, Accademia Medica di Roma. 24/03 - 2011. Roma, Italy.

Bronte V. “Interfering with myeloid-dependent suppression to enhance the efficacy adoptive cell therapy of cancer”, an International Immunopharmacology Conference - Regulatory Myeloid Cells. 21/10 to 24/10 - 2010. Arlington, US.

Bronte V. “Tumor-induced tolerance and immune suppression depend on C/EBP β transcription factor”, International Viruses, Genes and Cancer Conference. 29/09 to 01/10 - 2010. Venezia, Italy.

Bronte V. “Interfering with myeloid-dependent suppression to enhance the efficacy of adoptive cell therapy of cancer”, DC2010: forum on vaccine science. 26/09 to 30/09 - 2010. Venezia, Italy.

Bronte V. “Interfering with myeloid-dependent suppression to enhance the efficacy of adoptive cell therapy of cancer”, Annual Meeting DGfI German Society for Immunology. 22/09 to 25/09 - 2010. Leipzig, Germany.

Bronte V. "Controlling myeloid-derived suppressor cells to enhance cancer immunotherapy", 4^{eme} Journées scientifiques Miltenyi Biotec. From inflammation to immunomodulation in cancer. Cordeliers Institute. 24/06 - 2010. Parigi, France.

Bronte V. "Cross-talk between cancer and bone marrow for the generation of myeloid-derived suppressor cells: the concept of cancer macroenvironment", 101st AACR Annual meeting. 07/04 to 21/04 - 2010. Washington, US.

Bronte V. "Myeloid-derived suppressor cells: moving from mouse to human", European Society for Clinical Investigation, 44th annual scientific meeting. 24/02 to 27/02 - 2010. Bari, Italy.

Bronte V. "Myeloid-derived suppressor cells", Keystone symposium on: The Macrophage - Intersection of Pathogenic and Protective Inflammation. 12/02 to 17/02 - 2010. Banff, Canada.

Bronte V. "Forced myelopoiesis and immune deviation in cancer", Keystone symposium on: Molecular and Cellular Biology of Immune Escape in Cancer. 07/02 to 12/02 - 2010. Keystone, US.

Bronte V. "Immunotherapy and immunopathology with either telomerase-specific vaccines or telomerase-specific CTLs", Cancer Vaccine-Adjuvants-Delivery for the next decade (CVAAD) meeting. 11/11 to 13/11 - 2009. Dublino, Ireland.

Bronte V. "Learning tolerance from cancer: lessons from myeloid-derived suppressor cells", Tri-Society meeting of ICI, ISICR and SLB. 18/10 to 21/10 - 2009. Lisbona, Portugal.

Bronte V. "Interazioni tra tumori e midollo osseo nell'induzione di cellule soppressorie di derivazione mieloide. Microambiente tumorale: ruolo nella progressione neoplastica e nell'immunoregolazione". 14/10 - 2009. Genova, Italy.

Bronte V. "Myeloid-derived suppressor cells", EACR Special Conference: inflammation and cancer. 24/09 to 25/09 - 2009. Berlino, Germany.

Bronte V. "Myeloid-derived suppressor cells", The 2nd European Congress of Immunology. 13/09 to 16/09 - 2009. Berlino, Germany.

Bronte V. "Monocyte and macrophage heterogeneity", Translational Research in Pediatric Rheumatology (TRiPR), second conference. Innate Immunity and the Pathogenesis of Rheumatic Diseases. 06/05 to 08/05 - 2009. Genova, Italy.

Bronte V. "Mechanisms of MDSC mediated immuno suppression", Molecular targets for cancer therapy: fifth biennial meeting. 12/03 to 15/03 - 2009. Clearwater Beach, US.

Bronte V. "Origin and function of myeloid-derived suppressor cells monocytes, macrophage and dendritic cell heterogeneity". 02/03 to 07/03 - 2009. Treilles, France.

Bronte V. "Myeloid-derived suppressor cells as negative regulators of the immune response: from cancer to transplantation", Pasteur Institute. 19/12 - 2008. Parigi, France.

Bronte V. "Learning tolerance from cancer: the lesson of myeloid-dependent suppression. Tumor Immunology: New Perspectives", AACR Special Conference in Cancer Research. 02/12 to 05/12 - 2008. Miami, US.

Bronte V. "Tumor-induced barriers to immune assault", IRB Conference room. 30/10 - 2008. Bellinzona, Switzerland.

Bronte V. "Myeloid suppressor cells and immune escape. Tumor immune escape 2008.", Ruggero Ceppellini School of Immunology. 16/10 to 18/10 - 2008. Sorrento, Italy.

Bronte V. "Immunosuppressive networks in cancer. Altered myeloid differentiation and immune dysfunctions in cancer. From tumor immunology to immune therapy of cancer - course No.1594", Karolinska Institute. 19/09 - 2008. Stoccolma, Svezia.

Bronte V. "Myeloid-derived suppressor cells in cancer. Cancer immunology & immunotherapy 2008: from discovery to development to drug", 16th Annual International Cancer Immunotherapy Symposium. 15/09 to 17/09 - 2008. New York, US.

Bronte V. "Myeloid suppressor cells in the regulation of immune responses". Innate immunity and inflammation in transplantation. 26/06 to 27/06 - 2008. Nantes, France.

Bronte V. "Myeloid-derived suppressor cells in cancer". The Giovanni Armenise-Harvard Foundation. 12th Annual Symposium - Cancer: from genes and proteins to pathway and therapeutics. 20/06 to 23/06 - 2008. Stresa, Italy.

Bronte V. "Cancer-induced barrier to immune response: role of myeloid-derived suppressor cells". Tumor immunology meets oncology 4th. 23/05 to 24/05 - 2008. Halle, Germany.

Bronte V. "Myeloid-derived suppressor cells in cancer". British Inflammation Research Association Symposium Inflammation and Cancer. 23/05 - 2008. Londra, UK.

Bronte V. "Dissecting the complexity of myeloid-derived suppressor cells". The tolerogenic nature of tumor-associated inflammation: relevance for LCH? 18th Nikolas Symposium. 02/05 to 05/05 - 2008. Corint, Greece.

Bronte V. "Cancer induced barrier against immune system: myeloid-derived suppressor cells". Immunology of health and disease conference. 09/03 to 14/03 - 2008. Cape Town, South Africa.

Bronte V. "Metabolic restraint of T lymphocyte activation and migration by tumor-conditioned myeloid cells. Integrative cancer genomics". 11/02 to 13/02 - 2008. Monaco, Germany.

Bronte V. “Myeloid-derive suppressor cells in cancer”. Centro Nacional de Biotecnología/CSIC. 18/01 - 2008. Madrid, Spain.

Bronte V. “System biology of tumor-associated macrophages”. MicroRNA in Biology and Disease. 04/12 - 2007. Milano, Italy.

Bronte V. “The biology and function of myeloid-derived suppressor cells”. Inflammation and Cancer. 08/11 to 09/11 - 2007. Milano, Italy.

Bronte V. “Myeloid-derive suppressor cells in cancer”. International Society for the Biological Therapy of Cancer, 22nd Annual meeting. 02/11 to 04/11 - 2007. Boston, US.

Bronte V. “Altered macrophage differentiation and T lymphocyte dysfunctions during tumor development”. 40th Annual meeting of the Society of Leukocyte Biology. 11/10 to 13/10 - 2007. Cambridge, US.

Bronte V. “Altered macrophage differentiation and immune dysfunction in tumor development”. Cancer and inflammation, annual symposium of the NCI Center of Excellence in Immunology. 09/10 to 10/10 - 2007. Bethesda, US.

Bronte V. “Immune response regulation by tumor conditioned myeloid-derived suppressor cells. Regulatory pathways in autoimmunity and cancer”. BSI Golden Jubilee Year - BSI Wessex Regional Group. 02/10 - 2007. Southampton, UK.

Bronte V. “Altered myeloid differentiation and immune dysfunctions in cancer”, Seventh International Conference on Progress in Vaccination Against Cancer (PIVAC). 09/09 to 11/09 - 2007. Stoccolma, Sweden.

Bronte V. “The dual personality of myeloid-derived suppressor cells”. International Seminar Series. Department of Neurosurgery, University Hospital. 19/04 - 2007. Sweden.

Bronte V. “Myeloid-derived suppressor cells in cancer: a novel target for therapeutic invention. Cancer Immunotherapy meets strategies for immunotherapy”. 5th Annual meeting. 12/04 to 14/04 - 2007. Würzburg, Germany.

Bronte V. “Special lecture: myeloid suppressor cells in cancer”. Keystone symposium. The potent new anti-tumor immunotherapies. 28/03 to 02/04 - 2007. Fairmont Banff Springs, Canada.

Bronte V. “The dual personality of myeloid-derived suppressor cells. Novel mechanisms of immune tolerance in tumor immunology and stem cell/organ transplantation”. 21/02 - 2007. Bologna, Italy.

Bronte V. “Inflammatory monocytes induced by tumors alter T-lymphocyte responsiveness through L-arginine metabolism”. 4th biennial molecular targets in cancer therapy: mechanism

& therapeutic reversal of immune suppression in cancer. 25/01 to 28/01 - 2007. Sheraton Sand Key Resort, Clearwater Beach, US.

Bronte V. "Correction of altered arginine metabolism to boost antitumor immune response". Italian Melanoma Intergroup 12th annual meeting. 30/11 to 02/12 - 2006. Bari, Italy.

Bronte V. "Tumors induce a subset of inflammatory monocytes with immunosuppressive activity on CD8+ T cells. IT-2006: targeting complexity". 15/11 to 19/11- 2006. La Habana, Cuba.

Bronte V. "Cellule mieloidi soppressorie e tumori. Corso di aggiornamento: "meccanismi di immunosoppressione e immunoterapia dei tumori", IST. 07/11 - 2006. Genova, Italy.

Bronte V. "Development of novel approaches to overcome immunological dysfunctions in preclinical tumors models". Development and functions of immune system: new insights from study of mouse models. Università degli Studi di Roma "La Sapienza". 31/10 - 2006. Roma, Italy.

Bronte V. "Regulation of immune responses by L-arginine metabolism", 6th Beaune seminar in transplant research. 19/10 to 20/10 - 2006. Beaune, France.

Bronte V. "Arginine metabolism in myelomonocytic cells affects T lymphocyte response to antigen", 20th Annual meeting of the European Macrophage and Dendritic Cell Society (EMDS). Immunoregulatory and Antimicrobial Activities of Myeloid Cells. 05/10 to 07/10 - 2006. Freiburg, Germany.

Bronte V. "Altered L-arginine metabolism in cancers restrains anti-tumor T lymphocyte response". 16th European Congress of Immunology. 06/09 to 09/09 - 2006. Parigi, France.

Bronte V. "Genetic vaccines for the active immunotherapy of cancer". Biological therapy of cancer. 21/06 to 24/06 - 2006. Dresden, Germany.

Bronte V. "Mouse myeloid suppressor cells comprise a peculiar population of inflammatory monocytes". Istituto Superiore di Sanità, immunotherapy of Cancer: challenges and needs. 24/05 to 25/05 - 2006. Roma, Italy,

Bronte V. "L-arginine metabolism and immune dysfunction in cancer". CIMT 2006 meets strategies for immune therapy. 04/05 to 05/05 - 2006. Mainz, Germany.

Bronte V. "L-arginine metabolism in tumor-bearing hosts affects T lymphocyte responsiveness. SIC-SIICA: tumor immunology". 47[°] Congresso Nazionale della Società Italiana di Cancerologia. 02/10 to 05/10 - 2005. Abano Terme, Italy.

Bronte V. "Myeloid suppressor cells control T lymphocyte activation during physiological and pathological immune responses". XV Congresso AINI - Associazione Italiana Neuroimmunologia, 13/10 to 15/10 - 2005. Abbazia di Praglia, Teolo, Italy.

Bronte V. “A critical assessment of the progress of cancer vaccines”. Cancer vaccines/adjuvants/delivery for the next decade (CVADD 2005). 05/09 to 07/09 - 2005. Lisbona, Portugal.

Bronte V. “Checkpoint manipulation in tumor immunotherapy”. ESO advanced course, immunology for oncologists. 16/04 to 18/04 - 2005. Ascona, Switzerland.

Bronte V. “L-arginine metabolism in CD11+/Gr-1+ myeloid suppressor cells inhibits T lymphocyte function”. 15/11 to 19/11 - 2004. La Habana, Cuba.

Bronte V. “Animal models”. Trends in prostate cancer 2004. What is new? 24/09 - 2004. Padova. Italy.

Bronte V. “L-arginine catabolism in myeloid suppressor cells as a toll to restrain T cell response”. Immune Evasion. 25/03 to 30/03 - 2004. New Mexico, US.

Bronte V. “L-arginine metabolism in CD11+/Gr-1+ myeloid cells restrains T lymphocyte functions”. Basic Aspects of Vaccines Meeting. 28/04 to 30/04 - 2004. Bethesda, US.

Bronte V. Serafini P, De Santo C, Marigo I, Tosello V, Mazzoni A, Segal DM, Colombo MP, Zanovello P. “Immune dysfunctions induced by myeloid suppressor cells in tumor-bearing mice. Keystone symposium on basic aspects of tumor immunology”. 17/02 to 24/02 - 2003. Keystone, US.

Bronte V. “Cytokines and molecularly defined adjuvants can either enhance or restrain the efficacy of recombinant cancer vaccines. Cytokines as natural adjuvants: perspectives for vaccine development”. Istituto Superiore di Sanità. 22/04 to 24/04 - 2002. Roma, Italy.

PATENTS

1. De Sanctis F, **Bronte V**, Erdeljan M. (2023): ***Methods for predicting and improving therapeutic efficacy of cancer treatments and methods for cancer prognosis.*** University of Verona. PCT/EP2023/058504
2. Serafini P, Biciato S, Caroly J, De la Fuente A, Van Simaey D, Zilio S, **Bronte V**. (2019). ***RNA aptamers and uses thereof.*** University of Miami, Florida, US. PCT/US2020/020799
3. Serafini P, **Bronte V**. (2017). ***Nanoparticle conjugates and uses thereof.*** University of Miami, Florida, US. PCT/EP2017/1453.
4. **Bronte V**, Ugel S, Fiore A, Sahin U. (2017). ***Engineered cells for inducing tolerance.*** BioNTECH AG. 674-208 PCT.

5. Ugel S, Sandri S, Bobisse S, **Bronte V**. (2015). ***Gene sequence encoding a mouse TCR specific for the human HLA-A2 complex and hTERT865-873 peptide and its use for engineering human T lymphocytes for adoptive cell therapy of cancer.*** Università di Verona. PCT/IB2016/051510.
6. **Bronte V**, Viola A, Gasco A, Fruttero R, Crosetti M. (2011). ***Water soluble furoxan derivatives having antitumor activity.*** Humanitas Mirasole Spa, Istituto Oncologico Veneto IRCCS. PCT/IB2011/050743.
7. Singh H, Mendrzyk R, Walter S, **Bronte V**, Mandruzzato S. (2010). ***Use of myeloid cell biomarkers for diagnosis of cancer.*** Immatix Biotechnologies GmbH. 2912919-026000.
8. **Bronte V**, Mandruzzato S. (2009). ***Myeloid-derived suppressor cells generated in vitro.*** Istituto Oncologico Veneto IRCCS. PCT/IB2009700137.
9. **Bronte V**, Viola A, Gasco A, Fruttero R, Crosetti M. (2009). ***Nitric oxide furoxan derivative compounds endowed with antitumoral activity.*** Humanitas Mirasole Spa, Istituto Oncologico Veneto IRCCS. PCT/EP2009/000206.
10. Borrello IM, Serafini P, Noonan KA, **Bronte V**. (2006). ***PDE5 Inhibitor compositions and methods for immunotherapy.*** The Johns Hopkins University. PCT/US06/00699.

SCIENTIFIC SOCIETIES MEMBERSHIPS

- Member of the “American Association for Cancer Research” - (AACR).
- Member of the “American Association for Immunologists” - (AAI).
- Member of the “Società Italiana di Immunologia, Immunologia Clinica ed Allergologia” - (SIICA).
- Member of “Network Italiano per la BioTerapia dei Tumori” - (NIBIT).
- Member of the “Associazione Nazionale di Medicina” - (ANM).
- Member of “Società Italiana di Cancerologia” - (SIC).

REFEREE

“Ad hoc reviewer” for: Science, Nature Medicine, Nature Immunology, Nature Genetics, Nature Reviews Immunology, Immunity, Cancer Cell, Nature Communications, Journal of Experimental Medicine, Journal of Clinical Investigation, Cancer Discovery, Journal of

Immunology, Gastroenterology, Cell Reports, Blood, Proceedings of the National Academy of Science, American Journal of Pathology, Cancer Research, Cancer Immunology Research, Journal of Immunotherapy, European Journal of Immunology, International Journal of Cancer, Journal of Translational Medicine, Human Gene Therapy, Vaccine, Cellular Immunology, Immunology Letters, Clinical Immunology, Cancer Letters, Cancer Immunology Immunotherapy, Journal of Leukocyte Biology, FEBS Letters, Oncoimmunology, Oncotargets.

COMMISSIONS OF TRUST

- Peer Reviewer for European Research Council (ERC) Grant Applications.
- Peer Reviewer for National Institutes of Health (NIH) Grant Applications US.
- Peer Reviewer for Evaluation Process of Laboratories of Excellence ANR (French Research Funding Agency).
- AIRC Fellowship Reviewer, Member of Advisor Scientific Board, Italy.
- Peer Reviewer for National Medical Research Council (NMRC) Grant Applications, Singapore.
- Peer Reviewer for Danish Council for Independent Research, Ministry of Higher Education and Science, Denmark.
- Peer Reviewer for Stichting Tegen Kanker - Fondation contre le Cancer Grant, Belgium.
- Visiting committee to assess the research activity of the unit "Tumor immunology and immunotherapy of cancer, Institut Gustave Roussy, Aeres, France.
- Peer Reviewer for Cancer Research UK Grant Applications, UK.
- Peer Reviewer for "SIR 2014" of MIUR Italy.
- Member of "SITC Fellowship Task Force".
- Expert Reviewer for "MATWIN PROGRAMME".
- Member of Review Committee Breast Cancer Now's Research Unit at King College, London, February 8th 2018.
- Peer Reviewer for Independent Research Fund Denmark - Medical Science Grant Applications.
- Peer Reviewer for Swedish Research Council Grant Applications.

- Peer Reviewer for Université Bourgogne Franche-Comté Grant Applications (UBFC).
- Panel Chair in the Evaluation of Proposals submitted to the 2021, 2023, and 2025 ERC Consolidator Grant call.

COLLABORATION WITH COMPANIES

- IO Biotech ApS, scientific advisory board, and research collaboration.
- Ganymed Pharmaceuticals AG, past research collaboration.
- Xios Therapeutics, scientific advisory board.
- Incyte Corporation, past research collaboration.
- Emd Serono, past scientific advisory board.
- BioNTech AG, patent, and past research collaboration.
- Calithera Bioscience Inc., past research collaboration.
- Roche Ltd, past consultancy and research collaboration.
- ITeos Therapeutics SA, past scientific advisory board and research collaboration.
- Tusk Therapeutics Ltd, past scientific advisory board, research support, and collaboration.
- Elpis Biopharmaceuticals, past scientific advisory board, research support and collaboration.
- Codiak Biosciences Inc., past scientific advisory board, research support, and collaboration.

PUBLICATIONS

1. Belmonte B, Spada S, Allavena P, Benelli M, **Bronte V**, Casorati G, D'Ambrosio L, Ferrara R, Mondino A, Nisticò P, Scommaggio R, Tazzari M, Tripodo C, Sica A, Ferrucci PF. Highlighting recent achievements to advance more effective cancer immunotherapy. *Journal of experimental & clinical cancer research*. 2025 Feb 18 ;44(1):57. doi: 10.1186/s13046-025-03316-8.
2. Musiu C, Adamo A, Caligola S, Agostini A, Frusteri C, Lupo F, Boschi F, Busato A, Poffe O, Anselmi C, Vella A, Wang T, Dusi S, Piro G, Carbone C, Tortora G, Marzola P, D'Onofrio M, Crinò SF, Corbo V, Scarpa A, Salvia R, Malleo G, Lionetto G, Sartoris S, Ugel S, Bassi C, **Bronte V**, Paiella S, De Sanctis F. Local ablation disrupts immune

- avasion in pancreatic cancer. *Cancer Lett.* 2025 Jan 28;609:217327. doi: 10.1016/j.canlet.2024.217327. Epub 2024 Nov 22.
3. Akkari L, Amit I, **Bronte V**, Fridlender ZG, Gabrilovich DI, Ginhoux F, Hedrick CC, Ostrand-Rosenberg S. Defining myeloid-derived suppressor cells. *Nat Rev Immunol.* 2024 Dec;24(12):850-857. doi: 10.1038/s41577-024-01062-0. Epub 2024 Jul 5.
 4. Canè S, Geiger R, Bronte V. The roles of arginases and arginine in immunity. *Nat Rev Immunol.* 2024 Oct 17. doi: 10.1038/s41577-024-01098-2. Online ahead of print.
 5. Lupo F, Pezzini F, Pasini D, Fiorini E, Adamo A, Veghini L, Bevere M, Frusteri C, Delfino P, D'agosto S, Andreani S, Piro G, Malinova A, Wang T, De Sanctis F, Lawlor RT, Hwang CI, Carbone C, Amelio I, Bailey P, **Bronte V**, Tuveson D, Scarpa A, Ugel S, Corbo V. Axon guidance cue SEMA3A promotes the aggressive phenotype of basal-like PDAC. *Gut.* 2024 Jul 11;73(8):1321-1335. doi: 10.1136/gutjnl-2023-329807.
 6. De Sanctis F, Dusi S, Caligola S, Anselmi C, Petrova V, Rossi B, Angelini G, Erdeljan M, Wöll S, Schlitter AM, Metzler T, Steiger K, Borok Z, Bailey P, Bauer A, Halin C, Boschi F, Giugno R, Canè S, Lawlor R, Corbo V, Scarpa A, Constantin G, Ugel S, Vascotto F, Sahin U, Türeci Ö, **Bronte V**. Expression of the membrane tetraspanin claudin 18 on cancer cells promotes T lymphocyte infiltration and antitumor immunity in pancreatic cancer. *Immunity.* 2024 Jun 11;57(6):1378-1393.e14. doi: 10.1016/j.immuni.2024.04.021. Epub 2024 May 14.
 7. Caligola S, Giacobazzi L, Canè S, Vella A, Adamo A, Ugel S, Giugno R, **Bronte V**. GateMeClass: Gate Mining and Classification of cytometry data. *Bioinformatics.* 2024 May 2;40(5):btae322. doi: 10.1093/bioinformatics/btae322.
 8. Buja A, De Luca G, Zorzi M, Bovo E, Mocellin S, Trevisiol C, **Bronte V**, Guzzinati S, Ruge M. Thirty-two-year trends of cancer incidence by sex and cancer site in the Veneto Region from 1987 to 2019. *Front Public Health.* 2024 Jan 8;11:1267534. doi: 10.3389/fpubh.2023.1267534. eCollection 2023.
 9. Pettinella F, Lattanzi C, Donini M, Cavegion E, Marini O, Iannoto G, Costa S, Zenaro E, Fortunato TM, Gasperini S, Giani M, Belluomini L, Sposito M, Insolda J, Scaglione IM, Milella M, Adamo A, Poffe O, Bronte V, Dusi S, Cassatella MA, Ugel S, Pilotto S, Scapini P. Plasmacytoid Dendritic Cell, Slan+-Monocyte and Natural Killer Cell Counts Function as Blood Cell-Based Biomarkers for Predicting Responses to Immune Checkpoint Inhibitor Monotherapy in Non-Small Cell Lung Cancer Patients. *Cancers (Basel).* 2023 Nov 3;15(21):5285. doi: 10.3390/cancers15215285.

10. Adamo A, Frusteri C, Pilotto S, Caligola S, Belluomini L, Poffe O, Giacobazzi L, Dusi S, Musiu C, Hu Y, Wang T, Rizzini D, Vella A, Canè S, Sartori G, Insolda J, Sposito M, Incani UC, Carbone C, Piro G, Pettinella F, Qi F, Wang D, Sartoris S, De Sanctis F, Scapini P, Dusi S, Cassatella MA, Bria E, Milella M, **Bronte V**, Ugel S. Immune checkpoint blockade therapy mitigates systemic inflammation and affects cellular FLIP-expressing monocytic myeloid-derived suppressor cells in non-progressor non-small cell lung cancer patients. *Oncoimmunology*. 2023 Sep 14;12(1):2253644. doi: 10.1080/2162402X.2023.2253644. eCollection 2023.
11. Bellone M, Brevi A, **Bronte V**, Dusi S, Ferrucci PF, Nisticò P, Rosato A, Russo V, Sica A, Toietta G, Colombo MP. Cancer immunity and immunotherapy beyond COVID-19. *Cancer Immunol Immunother*. 2023 Jul;72(7):2541-2548. doi: 10.1007/s00262-023-03411-9. Epub 2023 Mar 30.
12. Turri G, Caligola S, Ugel S, Conti C, Zenuni S, Barresi V, Ruzzenente A, Lippi G, Scarpa A, **Bronte V**, Guglielmi A, Pedrazzani C. Pre-diagnostic prognostic value of leukocytes count and neutrophil-to-lymphocyte ratio in patients who develop colorectal cancer. *Front Oncol*. 2023 Jun 5;13:1148197. doi: 10.3389/fonc.2023.1148197. eCollection 2023.
13. Salemme V, Vedelago M, Sarcinella A, Moietta F, Piccolantonio A, Moiso E, Centonze G, Manco M, Guala A, Lamolinara A, Angelini C, Morellato A, Natalini D, Calogero R, Incarnato D, Oliviero S, Conti L, Iezzi M, Tosoni D, Bertalot G, Freddi S, Tucci FA, De Sanctis F, Frusteri C, Ugel S, **Bronte V**, Cavallo F, Provero P, Gai M, Taverna D, Turco E, Pece S, Defilippi P. p140Cap inhibits β -Catenin in the breast cancer stem cell compartment instructing a protective anti-tumor immune response. *Nat Commun*. 2023 May 11;14(1):2350. doi: 10.1038/s41467-023-37824-y.
14. **Bronte V**, Pittet MJ. The Spleen in Local and Systemic Regulation of Immunity. *Immunity*. 2023 May 9;56(5):1152. doi: 10.1016/j.immuni.2023.04.004.
15. Canè S, Barouni RM, Fabbi M, Cuozzo J, Fracasso G, Adamo A, Ugel S, Trovato R, De Sanctis F, Giacca M, Lawlor R, Scarpa A, Rusev B, Lionetto G, Paiella S, Salvia R, Bassi C, Mandruzzato S, Ferrini S, **Bronte V**. Neutralization of NET-associated human ARG1 enhances cancer immunotherapy. *Sci Transl Med*. 2023 Mar 15;15(687):eabq6221. doi: 10.1126/scitranslmed.abq6221. Epub 2023 Mar 15.
16. Raccosta L, Marinozzi M, Costantini S, Maggioni D, Ferreira LM, Corna G, Zordan P, Sorice A, Farinello D, Bianchessi S, Riba M, Lazarevic D, Provero P, Mack M, Bondanza A, Nalvarte I, Gustafsson JA, Ranzani V, De Sanctis F, Ugel S, Baron S,

- Lobaccaro JA, Pontini L, Pacciarini M, Traversari C, Pagani M, **Bronte V**, Sitia G, Antonson P, Brendolan A, Budillon A, Russo V. Harnessing the reverse cholesterol transport pathway to favor differentiation of monocyte-derived APCs and antitumor responses. *Cell Death Dis.* 2023 Feb 15;14(2):129. doi: 10.1038/s41419-023-05620-7.
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