

PERSONAL INFORMATION

Vincenzo Bronte



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WORK EXPERIENCE

From March 2022	Scientific Director of the IRCCS Istituto Oncologico Veneto (IOV), Padua, Italy.
From 2011 to 2022	Tenured Full Professor of Immunology and Head of the Immunology Section Department of Medicine, Verona University, Italy: ON TEMPORARY LEAVE <ul style="list-style-type: none">• Teaching and research activities;• <u>Sector</u>: Immunology, Immunopathology and Tumor immunology
From 2020 to 2021	Chief of the Committee that evaluate the high-quality standard in teaching of Sant' Anna School of Advanced Studies, Pisa, Italy.
From 2018 to 2020	Head of PhD school in "Life and Health Sciences" at University of Verona, Italy.
From 2007 to 2014	Group leader at the Venetian Institute for Molecular Medicine (VIMM) Via G. Orus 2, 35129, Padua, Italy. <ul style="list-style-type: none">• research activities• <u>Sector</u>: Tumor immunology
From 1997 to 2010	Head of the HLA typing laboratory and Oncogenomic Unit Istituto Oncologico Veneto (IOV), Via Gattamelata 64, 35128 Padua, Italy
From 1992 to 2010	Staff scientist – clinical associate at the Istituto Oncologico Veneto (IOV), Via Gattamelata 64 and Medicine Faculty in Padova University, Padova, Italy <ul style="list-style-type: none">• Research and teaching activities• <u>Sector</u>: Immunology, Immunopathology and Tumor immunology
From 1994 to 1996	Exchange scientist Surgery Branch of the National Cancer Institute, National Institute of Health, Bethesda, USA. <ul style="list-style-type: none">• research activities• <u>Sector</u>: Tumor immunology
From 1990 to 1992	Post-doctoral fellow financed by the "Italian Association for Cancer Research" (AIRC). Istituto Oncologico Veneto (IOV), Via Gattamelata 64, 35128 Padova, Italy <ul style="list-style-type: none">• research activities• <u>Sector</u>: Tumor immunology
From Nov 1989 to Dec1989	visiting fellow Roche laboratories, Basel, Switzerland

- research activities
- Sector: Tumor immunology

From 1988 to 1989

Post-doctoral fellow financed by Fidia Pharmaceuticals - Istituto Oncologico Veneto (IOV), Via Gattamelata 64, 35128 Padova, Italy

- research activities
- Sector: Tumor immunology

EDUCATION AND TRAINING

- 1992 Specialization (70/70) in Allergy and Clinical Immunology
University of Padova, Italy
- 1988 Allergy, Autoimmunity, Immunodeficiencies, Transplantation immunity
Medical Degree (M.D.) summa cum laude, University of Padova, Italy.
University of Padova, Italy.

WORK ACTIVITIES

- Awards**
- 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 the 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.

- Editorial activity**
- Scientific Journal reviewer: Ad hoc Reviewer** for top-rated scientific journals such as Science, Nat Med, Nat Immunol, Nat Rev Immunol, Immunity, Cancer Cell, Nat Comm. **Editorial board member** of 9 scientific journals
- Institutional grant panels: Panel Chair/Reviewer for 10 International Funding Agencies** including European Research Council, National Institute of Health (USA), French Research Funding Agency and Cancer Research UK.

- Invited presentations**
- Invited speaker in **more than 190** international/national congresses.

- Patents**
1. Serafini P, Bicciato 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
 2. Serafini P, **Bronte V.** (2017). **Nanoparticle conjugates and uses thereof.** University of Miami, Florida, US. PCT/EP2017/1453.
 3. **Bronte V,** Ugel S, Fiore A, Sahin U. (2017). **Engineered cells for inducing tolerance.** BioNTECH AG. 674-208 PCT.
 4. 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.
 5. **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.
 6. 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.

7. **Bronte V**, Mandruzzato S. (2009). **Myeloid-derived suppressor cells generated in vitro**. Istituto Oncologico Veneto IRCCS. PCT/IB2009700137.
8. **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.
9. Borrello IM, Serafini P, Noonan KA, **Bronte V**. (2006). **PDE5 Inhibitor compositions and methods for immunotherapy**. The Johns Hopkins University. PCT/US06/00699.

ADDITIONAL INFORMATION

2011-february 2022

SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS

8 graduate students, 15 PhD students and 14 postdoctoral fellows

TEACHING ACTIVITIES

Verona University:

-Immunology and Immunopathology for the Master's degree in Medicine and Surgery – (Jan 2011 – Feb 2022)

-Immunology, PhD School of Life and Health Science, Program in Inflammation, Immunity and Cancer (2014-2022)

-Introduction to Pathology and Immunology, Master's degree in Biotechnology (2011-2017)

ORGANISATION OF SCIENTIFIC MEETINGS

Board of the scientific council organizing committee of **5 national and international meetings**

MAJOR COLLABORATIONS

More than 50 national and international collaborators (e.g. Peter Murray, Max Plank Institute of Biochemistry; Ido Amit, Weizmann Institute, Ugur Sahin, BioNtech)

MEMBERSHIPS OF SCIENTIFIC SOCIETIES

American Association for Cancer Research. American Association for Immunologists. Society for Immunotherapy of Cancer. Network Italiano per la BioTerapia dei Tumori. Elected Member of the European Academy for Tumor Immunology.

Publications

total number of publications in peer-review journals: **218**

total Impact Factor (IF): **3073,280** (average IF/paper): **14,29**

total number of citations: **Scopus: 27793, Web of Science: 25623, Google Scholar: 37730.**

H index: **Scopus: 79, Web of Science: 77, Google Scholar: 85 (i10-index: 167)**

Top ten representative publications (* last name):

1. Bost P. et al. Nat Commun. 2021. PMID: 3367459*
2. Marigo I. et al. Cancer Discov. 2020. PMID: 32651166*
3. Bronte V. et al. J Clin Invest. 2020. PMID: 32809969
4. Fiore A. et al Nat. Commun. 2018. PMID: 30518925*
5. Marigo I. et al. Cancer Cell. 2016. PMID: 27622331*
6. Bronte V. et al Nat Commun. 2016. PMID: 27381735 (Review)
7. Sonda N. et al. Immunity. 2013. PMID: 23809164*
8. Ugel S. et al. Cell Rep. 2012. PMID: 22959433*
9. Gabrilovich D.I. et al. Nat Rev Immunol. 2012. PMID: 22437938 (Review)*
10. Molon B. et al. J Exp Med. 2011. PMID: 21930770*

In the list of Highly Cited Researchers from 2018 to 2021 by "Clarivate Analytics" (147 Immunology scientists in total), world-class researchers with exceptional research performance, multiple highly cited papers that rank in the top 1% by citations for field and year in Web of Science.