

# BRUNELLO ANTONELLA

## CURRICULUM VITAE

Data e luogo di nascita: ---- Bassano del Grappa (VI) – Italia

Residenza: ---- Padova (PD)

Cittadinanza: Italiana

Codice Fiscale BRNNNL78R62A703T

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## POSIZIONI LAVORATIVE

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| Date (da - a) | Febbraio 2023 - presente              |
| Ruolo         | Direttore facente funzioni            |
| Presso        | Oncologia Medica 1, IOV-IRCCS, Padova |

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|---------------|---------------------------------------|
| Date (da - a) | Maggio 2011 - presente                |
| Ruolo         | Dirigente medico 1° livello           |
| Presso        | Oncologia Medica 1, IOV-IRCCS, Padova |

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|---------------|---------------------------------------|
| Date (da - a) | Gennaio 2010 - Aprile 2011            |
| Ruolo         | Oncologo medico a contratto           |
| Presso        | Oncologia Medica 1, IOV-IRCCS, Padova |

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|---------------|---------------------------------------|
| Date (da - a) | Gennaio 2008 - Dicembre 2009          |
| Ruolo         | Oncologo medico a contratto           |
| Presso        | Oncologia Medica 2, IOV-IRCCS, Padova |

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## FORMAZIONE

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1997 Diploma di maturità scientifica (60/60) Liceo Scientifico “J. Da Ponte”, Bassano del Grappa (VI)

3/11/2003 Laurea in Medicina e Chirurgia, con punteggio 110/110 con lode con discussione della tesi “Trattamento adiuvante del carcinoma mammario in 232 pazienti anziane”

Dicembre 2003: Abilitazione all'esercizio della professione di Medico Chirurgo

18/2/2004: Iscrizione all'Ordine dei Medici Chirurghi ed Odontoiatri di  
Vicenza n° 5147

2001-2002: allievo interno presso il Dipartimento di Immunologia Clinica ed  
Allergologia diretto dal Prof. G.P. Semenzato (Università degli Studi di Padova)

2004-2007 Iscrizione alla Scuola di Specialità in Oncologia Medica presso  
l'Università di Padova, Dipartimento di Scienze Oncologiche e Chirurgiche

Maggio 2005: Diploma di Corso di Perfezionamento in Senologia, Università  
degli Studi di Verona (Direttore : Prof.ssa A. Molino)

Novembre 2005: Diploma di Corso di Perfezionamento in Oncologia  
Geriatrica, presso l'Università degli Studi di Padova, diretto dal prof.  
Monfardini.

2006-2007 Missione all'estero come *International Visiting Scholar* presso H.Lee  
Moffitt Cancer Center (Tampa, FL) con collaborazione in progetto di ricerca  
su iperglicemia e tossicità da chemioterapici e sull'anemia nell'anziano (Dr M.  
Extermann – Dr L Balducci)

12 Gennaio 2008 : Specializzazione in Oncologia Medica con punteggio 70/70  
e lode con discussione della tesi: Attività e tollerabilità di Trastuzumab nel  
carcinoma mammario avanzato nella paziente anziana >70 anni

29 Marzo 2017: Dottorato di Ricerca in Oncologia e Oncologia Chirurgica,  
Università degli Studi di Padova

19 Marzo 2019: Diploma "Oncology Management Fast Track", SDA Bocconi  
School of Management, Milano

27 Settembre 2021: Diploma di Master in Biostatistica per la Ricerca Clinica e la  
Pubblicazione Scientifica Università degli Studi di Padova

## LINGUE STRANIERE

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Ottima conoscenza dell' Inglese parlato e scritto.  
Conoscenza scolastica del Francese parlato e scritto.

## PUBBLICAZIONI

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Capitoli libri: Monfardini S, Jirillo A, **Brunello A**. I modelli integrati di assistenza e il ruolo del  
Geriatra, Collana Oncoform. Centro Scientifico Editore.

Basso U, Pogliani C, **Brunello A**. Valutare il paziente. In “Cancro, la guerra senza età”, Orme Editori.

**Brunello A**, Lombardi G, Zagonel V. Rehabilitation Treatment in Older Cancer Patients. In “Rehabilitation Medicine for Elderly Patients”. Stefano Masiero and Ugo Carraro Editors, Springer Intl Publishing; 2018.

DeVita, Hellman, Rosenberg’s “Cancer: Principles and Practice of Oncology”. Italian translation of chapters 27, 30, 55, 133, 10th Italian Edition, DE VITA-ONCOLOGIA 10 ed. Piccin editore

**Brunello A**, Zagonel V. Chemotherapy for pelvic bone tumors. In “Surgery of pelvic bone tumors”. Pietro Ruggieri and Andrea Angelini Editors, Springer Nature Publishing, 2021

Articoli: Basso U, **Brunello A**, Pogliani C, Monfardini S. Treatment options for early breast cancer in elderly women. *Expert Rev Anticancer Ther.* 4: 197-211, 2004.

**Brunello A**, Basso U, Pogliani C, Jirillo A, Ghiotto C, Koussis H, Lumachi F, Iacobone M, Vamvakas L, Monfardini S. Adjuvant chemotherapy for elderly patients (> or =70 years) with early high-risk breast cancer: a retrospective analysis of 260 patients. *Ann Oncol.* 6: 1276-82, 2005

Basso U, Fratino L, **Brunello A**, Lumachi F, De Salvo GL, Lonardi S, Ghiotto C, Koussis H, Pasetto LM, Monfardini S. Which benefit from adding gemcitabine to vinorelbine in elderly (>=70 years) women with metastatic breast cancer? Early interruption of a phase II study. *Ann Oncol.* 2007 Jan;18(1):58-63

Basso U, **Brunello A**, Magro C, Favaretto A, Monfardini S. Overprotective caregivers of elderly cancer patients: a case report. *Tumori*, 92: 362-363, 2006

**Brunello A**, Basso U, Rossi E, Stefani M, Ghiotto C, Marino D, Crivellari G, Monfardini S. Ifosfamide-related encephalopathy in elderly patients : report of five cases and review of the literature. *Drugs Aging.* 24(11): 967-73, 2007

U. Basso, S.Tonti, C. Bassi, **A. Brunello**, L.M. Pasetto, D. Scaglione, C.Falci, M. Beda, S. Aversa, E. Castegnaro, F. Tamellini, S.Monfardini. Management of Frail and Not-Frail elderly cancer patients in a hospital-based geriatric oncology program. *Crit Rev Oncol Hematol* May;66(2): 163-70, 2008

Sereno M, **Brunello A**, Chiappori A, Barriuso J, Casado E, Belda C, de Castro J, Feliu J, González-Barón M. Cardiac toxicity: old and new issues in anti-cancer drugs. *Clin Transl Oncol.* 10(1):35-46, 2008

Lumachi F, **Brunello A**, Roma A, Basso U. Medical treatment of malignancy-associated hypercalcemia. *Curr Med Chem.* 15(4):415-21, 2008

Lumachi F, Ermani M, Marino F, Di Cristofaro L, Tombolan V, **Brunello A**, Roma A, Basso U. Relationship between oral contraceptive therapy and estrogen receptor status in patients with breast cancer. *Anticancer Res* 28(1B):491-3, 2008

**Brunello A**, Jirillo A, Falci C, Lonardi S, Basso U, Monfardini S. Treatment of advanced breast cancer in elderly women: medical approach. *Aging Health*. 2008, 4 (3): 267-277.

Falci C, **Brunello A**, Basso U, Roma A, Monfardini S. Medical approach to advanced prostate cancer in older patients. *Aging Health*. 2008. 4 (5): 481-494.

**Brunello A**, Saia G, Bedogni A, Scaglione D, Basso U. Worsening of osteonecrosis of the jaw during treatment with sunitinib in a patient with metastatic renal cell carcinoma *Bone*. 2009 Jan;44(1):173-5.

**Brunello A**, Roma A, Falci C, Basso U. Chemotherapy and targeted agents for elderly women with advanced breast cancer. *Recent Pat Anticancer Drug Discov*. 2008 Nov;3(3):187-201

Basso U, **Brunello A**, Bertuzzi A, Santoro A. Sorafenib is active on lung metastases from synovial sarcoma. *Ann Oncol*. 2009 Feb;20(2):386-7

De Rossi C, **Brunello A**, Jirillo G, Jirillo A. When an interim analysis of randomized trial changes the practice in oncology: The lesson of adjuvant trastuzumab and the HERA trial. *Immunopharmacol Immunotoxicol*. 2009;31(1):1-4.

Lumachi F, **Brunello A**, Roma A, Basso U. Cancer-induced hypercalcemia. *Anticancer Res*. 2009 May;29(5):1551-5.

**Brunello A**, Loaldi E, Balducci L. Dose adjustment and supportive care before and during treatment. *Cancer Treat Rev*. 2009; 35(6):493-8

**Brunello A**, Sandri R, Extermann M. Multidimensional geriatric evaluation for older cancer patients as a clinical and research tool.. *Cancer Treat Rev*. 2009; 35(6):487-92

**Brunello A**, Roma A, Basso U, Jirillo A. A review of vinorelbine in the treatment of advanced breast cancer. *Clinical Medicine: Therapeutics* 2009;1 1715-1726

Falci C, **Brunello A**, Monfardini S. Detecting Functional Impairment in Older Patients With Cancer: Is Vulnerable Elders Survey-13 the Right Prescreening Tool? An Open Question. *J Clin Oncol*. 2010 Nov 10;28(32):e665-6.

**Brunello A**, Kapoor R, Extermann M. Hyperglycemia During Chemotherapy for Hematologic and Solid Tumors Is Correlated With Increased Toxicity. *Am J Clin Oncol*. 2011;34(3): 292-6.

Lumachi F, Luisetto G, Basso SM, Basso U, **Brunello A**, Camozzi V. Endocrine therapy of breast cancer. *Curr Med Chem*.2011;18(4):513-22.

Borgato L, **Brunello A**, Zagonel V, Saibene T, Michieletto S. Aromatase Inhibitors as Neoadjuvant Treatment in Elderly Patients (>70 Years) With Locally Advanced Breast Cancer. *European Oncology & Haematology* 2012; 8(3):184-8

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frailty fractures in elderly women treated with anastrozole for early breast cancer. *J Bone Miner Metab.* 2012 Jul;30(4):461-7.

**Brunello A**, Basso U, Sacco C, Sava T, De Vivo R, Camerini A, Barile C, Roma A, Maruzzo M, Falci C, Zagonel V. Safety and activity of sunitinib in elderly patients ( $\geq 70$  years) with metastatic renal cell carcinoma: a multicenter study. *Ann Oncol.* 2013; 24(2):336-42.

**Brunello A**, Borgato L, Basso U, Lumachi F, Zagonel V. Targeted approaches to triple-negative breast cancer: current practice and future directions *Curr Med Chem.* 2013;20(5):605-12.

F. Lumachi, **Brunello A**, Maruzzo M, U. Basso and S.M.M. Basso. Treatment of Estrogen Receptor-Positive Breast Cancer. *Curr Med Chem.* 2013;20(5):596-604.

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Falci C, Giansesin K, Sergi G, Giunco S, De Ronch I, Valpione S, Soldà C, Fiduccia P, Lonardi S, Zanchetta M, Keppel S, **Brunello A**, Zafferri V, Manzato E, De Rossi A, Zagonel V. Immune senescence and cancer in elderly patients: Results from an exploratory study. *Exp Gerontol.* 2013 Oct 10;48(12):1436-1442.

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carcinoma (RCC) in von Hippel-Lindau (VHL) disease: clinical outcome and patterns of radiological response. *Fam Cancer*. 2015 Jun;14(2):309-16.

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Maruzzo M, Basso U, Diminutto A, Roma A, Zustovich F, **Brunello A**, Fiduccia P, Banzato A, Zattoni F, Zagonel V. Role of dose exposure and inflammatory status in a single center, real-world analysis of sunitinib in patients with metastatic renal cell carcinoma. *Future Oncol*. 2016 Apr;12(7):909-19. doi: 10.2217/fon.16.14.

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Stacchiotti S, Provenzano S, Dagrada G, Negri T, Brich S, Basso U, **Brunello A**, Grosso F, Galli L, Palassini E, Libertini M, Colia V, Gronchi A, Dei Tos AP, Crippa F, Morosi C, Pilotti S, Casali PG. Sirolimus in Advanced Epithelioid Hemangioendothelioma: A Retrospective Case-Series Analysis from the Italian Rare Cancer Network Database. *Ann Surg Oncol*. 2016 Jun 22. [Epub ahead of print]

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**Brunello A**, Ahcene-Djaballah S, Lettierio A, Tierno G, Fiduccia P, Guglieri I, Dadduzio V, Maruzzo M, Schiavon S, Lonardi S, Zagonel V. Prevalence of pain in patients with cancer aged 70 years or older: A prospective observational study. *J Geriatr Oncol*. 2019 Jul;10(4):637-642.

Trama A, Badalamenti G, Baldi GG, **Brunello A**, Caira M, Drove N, Marrari A, Palmerini E, Vincenzi B, Dei Tos AP, Grignani G. Soft tissue sarcoma in Italy: From epidemiological data to clinical networking to improve patient care and outcomes. *Cancer Epidemiol* 2019 Apr;59:258-264.

Bedogni A, Bettini G, Bedogni G, Basso D, Gatti D, Valisena S, **Brunello A**, Sorio M, Berno T, Giannini S, Navaglia F, Plebani M, Nocini PF, Blandamura S, Saia G, Bertoldo F. Is vitamin D deficiency a risk factor for osteonecrosis of the jaw in patients with cancer? A matched case-control study. *J Craniomaxillofac Surg*. 2019 Aug;47(8):1203-1208.

Pierantoni F, Maruzzo M, **Brunello A**, Chiusole B, Pusole G, Bezzon E, Basso U, Zagonel V.

Trabectedin Drug Holiday and Rechallenge in Soft Tissue Sarcomas: Report of 4 Cases and Literature Review. *Front Oncol*. 2019 Jul 9;9:553. doi: 10.3389/fonc.2019.00553.

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Evans DGR, Kallionpää RA, Clementi M, Trevisson E, Mautner VF, Howell SJ, Lewis L, Zehou O, Peltonen S, **Brunello A**, Harkness EF, Wolkenstein P, Peltonen J. Breast cancer in neurofibromatosis 1: survival and risk of contralateral breast cancer in a five country cohort study. *Genet Med*. 2020 Feb;22(2):398-406. doi: 10.1038/s41436-019-0651-6.

Napolitano A, Provenzano S, Colombo C, Vitellaro M, **Brunello A**, Badalamenti G, Nannini M, Ibrahim T, Hohenberger P, Gasperoni S, Gennatas S, Jones RL, Hindi N, Martin-Broto J, Spalato Ceruso M, Silletta M, Dei Tos AP, Gronchi A, Stacchiotti S, Santini D, Tonini G, Palassini E, Vincenzi B. Familial adenomatosis polyposis-related

desmoid tumours treated with low-dose chemotherapy: results from an international, multi-institutional, retrospective analysis. *ESMO Open*. 2020 Jan;5(1):e000604. doi: 10.1136/esmoopen-2019-000604.

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**Brunello A**, Zagonel V. Caring for Patients with Advanced Stage Cancer at the Time of COVID-19. *Oncologist*. 2020 Apr 19;10.1634/theoncologist.2020-0230. doi: 10.1634/theoncologist.2020-0230.

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Buonomo B, **Brunello A**, Noli S, Miglietta L, Del Mastro L, Lambertini M, Peccatori FA. Tamoxifen Exposure during Pregnancy: A Systematic Review and Three More Cases. *Breast Care (Basel)*. 2020 Apr;15(2):148-156. doi: 10.1159/000501473.

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## ATTIVITA' CLINICA

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Da Gennaio 2004 regolare e assidua attività clinica presso la Divisione di Oncologia Medica dell'Azienda Ospedaliera di Padova (Istituto Oncologico Veneto dal Marzo 2006) in qualità di Medico Specializzando della Scuola di Oncologia, e dal Febbraio 2008 Medico Specialista in rapporto di libera professione presso la stessa Struttura (delibera n. 22 del 25.01.2008), e Dirigente Medico di 1° livello presso l'UOC Oncologia Medica 1 da Maggio 2011.

Nel periodo di formazione nel Reparto Degenze acquisite competenze nelle procedure relative al trapianto autologo di midollo, con gestione delle complicanze.

Oltre all'attività clinica-assistenziale, attiva partecipazione alla ricerca clinica, con particolare riferimento ai sarcomi dei tessuti molli, alle neoplasie mammarie e dei pazienti anziani.

Dal 2013 referente di Patologia per i Sarcomi dei tessuti molli e Tumori dell'osso, e dal 2020 segretaria del Gruppo Oncologico Multidisciplinare per i sarcomi dei tessuti molli e dell'osso interaziendale di Padova.

## ATTIVITA' DI RICERCA & GRANTS

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Coinvolta a partire dal 2004 in studi clinici sia sponsored che accademici, no profit, come Co-Investigator e Principal Investigator (oltre 50 trials), prevalentemente rivolti a pazienti con sarcomi dei tessuti molli, dell'osso e GIST, carcinoma mammario, cancro nell'anziano, secondo le ICH-GCP (ultimo aggiornamento GCP nel 2022).  
Parte dell'equipe degli studi di fase I presso l'Istituto Oncologico Veneto dal 2018.

Selezionata tra numerosi candidati a livello mondiale per partecipazione al 14th joint ECCO-AACR-EORTC-ESMO Workshop 'Methods in Clinical Cancer Research' a Waldhaus Flims (CH) nel 2012.

Revisore per riviste peer-reviewed (Cancer Treatment Reviews; International Journal of Breast Cancer; Journal of Geriatric Oncology; Colorectal Cancer; Cancer; British Journal of Cancer; Journal of Ageing Research and Healthcare )

Vincitrice concorso scientifico SPECIAL CARE 2008 per miglior caso clinico riguardante il trattamento della neoplasia renale avanzata.

Assegnataria del Premio Fondazione Federico Calabresi nel 2005 per giovane oncologo come primo autore con pubblicazione in rivista internazionale ad alto impact factor.

Assegnataria dei seguenti grant di ricerca finalizzata per Giovani Ricercatori dal Ministero della Salute:

- “Validation of MPI as prognostic index for elderly cancer patients, evaluation of comorbidity, polypharmacology and potential drug interactions; pain assessment and treatment and correlation with quality of life in elderly (age >70 years) patients with cancer” (2011) ; grant code: GR-2009-1606663;
- “Randomized phase II trial of metronomic Cyclophosphamide Vs Doxorubicin in elderly patients with advanced soft tissue sarcoma: the Metropholys trial” (2016); grant code: GR-2016-02364834

H-index a Gennaio 2024=26

## ATTIVITA' DIDATTICA

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Insegnamento Oncologia medica: Sarcomi, MED/06, 20 h, 5° anno, presso la Scuola di Specializzazione in Oncologia medica, Università di Padova, a far tempo dall'A.A. 2013/2014.

Docenza presso il Corso Opzionale della Facoltà di Medicina e Chirurgia dell'Università di Padova (AA 2014/2015 e 2015/2016)

Docenza presso il Master "La sperimentazione clinica in oncologia" dell'Università di Padova (AA 2015/2016 e 2016/2017).

Docenza presso il Master dell'Unitelma La Sapienza “Gestione del paziente oncologico complesso” AA 2015-2016.

Docenza presso il Corso di Perfezionamento in Bioetica, Università di Padova, a partire dall'AA 2016/2017 sino ad oggi.

## SOCIETA' SCIENTIFICHE E RUOLI NAZIONALI / INTERNAZIONALI

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Membro di ASCO (American Society of Clinical Oncology) dal 2006  
Membro di SIOG (International Society of Geriatric Oncology) dal 2007  
Membro di ESMO (European Society of Medical Oncology) dal 2008  
Membro di AIOM (Associazione Italiana Oncologia Medica) dal 2009  
Membro di EORTC (European Organization for Research and Treatment of Cancer)  
Cancer in Elderly Task Force and Soft Tissue and Bone Sarcoma Group dal 2010  
Membro di ISG (Italian Sarcoma Group) dal 2014  
Membro di CTOS (Connective Tissue Oncology Society) dal 2021  
Membro di EMSOS (European Musculo-Skeletal Oncology Society) dal 2021

Parte del Consiglio direttivo di GioGer (Gruppo Italiano Oncologia Geriatrica) dal 2011.

Segretario scientifico Linee Guida AIOM 2012 - 2016 “Gestione della tossicità ematopoietica in oncologia”

Coordinatore giovani oncologi AIOM regione Veneto dal 2013 al 2015.

2014 - 2015: Membro del team estensore dei PDTA per patologia “Sarcomi dei Tessuti Molli” regione Veneto.

Faculty per il Corso di Perfezionamento in Oncologia Geriatrica di SIOG dal 2015

2015 - 2020: Membro del consiglio direttivo regionale AIOM

2021-2023: Coordinatrice Regionale AIOM Veneto.

Estensore LG AIOM Sarcomi Tessuti Molli dal 2016.

PEstensore LG AIOM per i Tumori nell'anziano dal 2018

Chair della Task force Cancer in Elderly di EORTC T ((2018 -2020)

2023 - 2025: Membro del Consiglio Direttivo nazionale AIOM.

Padova 12 Gennaio 2024