

BIOGRAPHICAL SKETCH

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NAME: Alberto Briganti

eRA COMMONS USER NAME (credential, e.g., agency login):

POSITION TITLE: Full Professor of Urology, Vita-Salute San Raffaele University, Milan

EDUCATION/TRAINING *(Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.)*

INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	Completion Date MM/YYYY	FIELD OF STUDY
Vita-Salute San Raffaele University, Milan, Italy	MD	07/2002	Medicine
Vita-Salute San Raffaele University, Milan, Italy	Residency	11/2007	Urology
Magna Graecia University, Catanzaro, Italy	PhD	11/2016	Clinical and Experimental Biotechnology in Urology

A. Personal Statement

I am a clinician-scientist with extensive experience in the diagnosis, treatment, and research of urological malignancies, particularly prostate cancer. I hold a full professorship at Vita-Salute San Raffaele University and lead key clinical programs at San Raffaele Hospital, including the Prostate Cancer Research and Robotic Surgery Programs. My research efforts span from innovative surgical techniques and imaging strategies to translational studies and multi-institutional trials aimed at improving oncological and functional outcomes in patients with urologic cancers. My editorial work with leading journals and roles in professional societies reflect my commitment to advancing the field and mentoring young investigators.

B. Positions, Scientific Appointments, and Honors

Academic Positions:

- Full Professor of Urology, Vita-Salute San Raffaele University, Milan (2018–present)
- Associate Professor of Urology, Vita-Salute San Raffaele University, Milan (2015–2018)
- Staff Urologist, Department of Urology, San Raffaele Hospital, Milan (2009–present)

- Director, Prostate Cancer Research Programme, San Raffaele Hospital (2014–present)
- Director, Robotic Surgical Programme, Department of Urology (2017–present)
- Deputy Director, Urological Research Institute (URI), San Raffaele Hospital (2014–present)

Editorial Roles:

- Editor-in-Chief, European Urology (2023–present)
- Editor-in-Chief, European Urology Oncology (2017–2022)
- Co-Editor, European Urology Focus (2015–2017)
- Editorial board member, World Journal of Urology, Minerva Urologica e Nefrologica, and others

Scientific Societies:

- Member, Scientific Congress Office, EAU (since 2011)
- Member, Guidelines Office Board, EAU (since 2015)
- Fellow, European Board of Urology
- Member of EORTC GU Group, AAEU, AAGUS

Awards:

- EAU Crystal Matula Award (2016)
- Matula Italian Award, SIU (2015)
- Multiple best poster awards (EAU, AUA)
- ESSM Clinical Science Award (2003)
- "Reviewer of the Month" (European Urology, 2008)

C. Contributions to Science

1. **Surgical Innovation and Oncological Outcomes in Prostate Cancer** I have contributed to the development of extended pelvic lymph node dissection techniques and validated their role in high-risk prostate cancer. My publications provide strong evidence on optimizing surgical templates and timing of adjuvant therapies, enhancing both survival and quality of life.
2. **Clinical Trials and Translational Research** I serve as Principal Investigator or National Coordinator for over a dozen clinical trials, including EORTC 30072 (SORCE), PROTEUS, PRECISION, MATTER, and SCOT. These studies explore advanced diagnostics, novel therapeutics, and personalized approaches for prostate and bladder cancer management.
3. **Diagnostic Pathways and Predictive Modeling** My research includes development and validation of multiple nomograms and predictive tools used internationally to personalize prostate cancer diagnosis and treatment, including risk stratification models integrating mpMRI and genomic data.
4. **Academic and Editorial Leadership** As Editor-in-Chief of European Urology, I influence the dissemination of high-impact research. I have mentored numerous MD and PhD students, guiding over 50 theses and supervising advanced clinical training programs in Italy and internationally.
5. **Big Data and Outcomes Research** I lead several EU-funded initiatives such as PIONEER and IMAGINE to improve adherence to guidelines and harmonize clinical outcome data across European institutions, fostering an evidence-based framework for urologic oncology.

Metrics:

- Publications: >1270 (PubMed)
- Citations: >35,000 (Scopus)
- H-index: 90 (Scopus)

D. ADDITIONAL INFORMATION: RESEARCH SUPPORT AND/OR SCHOLASTIC PERFORMANCE

Grants:

- Italian Ministry of Health: Personalized screening in familial prostate cancer (2009)
- ESSM Medical Research Grant: Cannabinoid receptor neuroprotection (2011)
- Sandoz Biopharmaceuticals: Mechanisms of resistance in prostate cancer (2015)
- Italian Ministry of Health: Integration of imaging, clinical and epigenetic data in nodal staging (2018)

Selected PI Roles:

- EORTC 30072: Sorafenib vs placebo in RCC
- EORTC 22043-30041: RT $\pm$ hormonal therapy in prostate cancer
- CV9104 (CureVac): Cancer vaccine in mCRPC
- SCOT trial: Systematic cores during MRI-targeted biopsy
- MATTER study: Molecular test post-negative MRI
- PROTEUS: Apalutamide in high-risk prostate cancer
- CREST: Sasanlimab in non-muscle invasive bladder cancer