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📍 Work: Fondazione IRCCS Istituto Neurologico C. Besta, via Celoria 11, 20133 Milano (Italy)

WORK EXPERIENCE

Neurosurgeon (consultant)

Neurosurgery Dept. - Fondazione IRCCS Istituto Neurologico C. Besta [01/2012 – Current]

City: Milano

Country: Italy

Intraparenchymal and extraparenchymal brain and spinal cord tumors, intra-ventricular endoscopic surgery, skull base tumors

Overall 3000 procedures so far: mainly complex skull-base/brain and spinal cord tumors (low/high grade gliomas, pilocytic astrocytomas, meningiomas, ependymomas, subependymomas, central neurocytomas, gangliogliomas, hemangiopericytomas, cavernous angiomas, emangioblastomas, epidermoid cysts, colloid cysts, metastasis, vestibular schwannomas, etc.)

Routine use of intraoperative ultrasound (with/without contrast medium injection), intraoperative fluorescent dyes (5ALA) and Olympus OrbEye exoscope. Advanced navigation and planning systems (Medtronic, BrainLab, Surgical Theater, Vesalius, Horus), simulation and rehearsal platforms (NeuroTouch, ImmersiveTouch, NeuroVR, USim)

Familiar with flexible and rigid endoscopy (intra-ventricular endoscopic surgery). Occasionally performed procedures: cervical/lumbar herniated disks, cervical/lumbar decompression for stenosis

Scientific Director

Besta NeuroSim Center [11/2014 – Current]

City: Milano

Country: Italy

The Besta NeuroSim Center is the first center for neurosurgical simulation and training in Europe, the world best equipped center with the state-of-the-art neurosurgical simulators. Inspired by the field of aviation, Besta NeuroSim Center's mission is to propose a revolutionary training method for the new generations of neurosurgeons and to identify how to achieve performance excellence in surgery, minimizing patients' exposure to any type of risk. Both research studies and training courses are performed, in collaboration with the most important neurosurgical societies (e.g. WFNS, EANS, Global Neuro, MANS) Neurosurgical teaching and training, neurosurgical simulation and research

Clinical Fellow in Neurosurgical Oncology

The Neuro, Montreal Neurological Institute, McGill University [06/2010 – 07/2011]

City: Montreal

Country: Canada

Supervisor: Dr Rolando F. Del Maestro, Dr Kevin Petrecca

Caring for neuro-oncology patients, 180 operations performed on brain and intramedullary tumors, especially "awake surgery" for glioma removal from eloquent brain areas

Comprehensive management of neuro-oncological patients

Side-activities as a clinical fellow: second-call duties, teaching and tutoring neurosurgery residents, attending and presenting at tumor boards, morbidity and mortality rounds, and grand rounds

Neurosurgery Resident

University of Padova [12/2003 – 09/2007]

City: Treviso

Country: Italy

EDUCATION AND TRAINING

Ph.D. Neuroscience/Neurobiology (Neuro-oncology)

University of Trieste [09/2009 – 04/2012]

City: Trieste

Country: Italy

In exchange, attending the Montreal Neurological Institute, McGill University, Montreal (Canada)

Clinical Fellow in Neurosurgical Oncology

Montreal Neurological Institute, McGill University [06/2010 – 07/2011]

City: Montreal

Country: Canada

Supervisor: Dr Rolando F. Del Maestro, Dr Kevin Petrecca

Visiting Scientist

Hotchkiss Brain Institute [10/2009 – 12/2009]

City: Calgary

Country: Canada

How to establish, subculture and perform experiments with primary cultures of neurosphere and brain tumor stem-like cells

Prof. Samuel Weiss' Laboratory

Research Fellow

Centre for Neuronal Survival, Montreal Neurological Institute, McGill University [09/2007 – 10/2009]

City: Montreal

Country: Canada

Research fellowship on neurogenesis, neuro-oncology, glial precursors proliferation and differentiation, glioma stem cells isolation and culture, in vivo experiments.

Prof. Stefano Stifani's Laboratory

Neurosurgeon

University of Padova [12/2003 – 09/2007]

City: Treviso

Country: Italy

Neurosurgery residency

Research internship

Hunterian Laboratory, Johns Hopkins University [07/2004 – 08/2004]

City: Baltimore

Country: United States

In vivo drug efficacy studies on rats implanted with gliosarcoma cells

Additional courses

Feb. 2012 - European Association of Neurosurgical Societies Training Course Neuro-oncological Surgery, Pecs (Hungary)

Sept. 2009 - European Association of Neurosurgical Societies Training Course Vascular Neurosurgery, Opatija (Croatia)

Feb. 2008 - European Association of Neurosurgical Societies Training Course Spine & Peripheral Nervous System Surgery, Trondheim (Norway)

Feb. 2007 - EANS (European Association of Neurosurgical Societies) Training Course Head Injury & Functional Neurosurgery, Antalya (Turkey)

Aug. 2008 - Safe use of biological safety cabinets - training for laboratory personnel McGill University, Montreal (Canada)

June 2008 - Certificate methodology workshop on mice use in laboratory. McGill University - Animal Care Committee, Montreal (Canada)

May 2008 - Certificate theory course on animal use in laboratory (advanced level), McGill University, Animal Care Committee, Montreal (Canada)

Sept. 2006 - European Association of Neurosurgical Societies Research Course, Cambridge, (UK)

April 2005 & March 2004 - Intraoperative neurophysiological monitoring - theoretical/practical course, University of Ferrara, Ferrara (Italy)

Oct. 2003 - Hospital Life Support, University Hospital, Birmingham (UK)

LANGUAGE SKILLS

Mother tongue(s): **Italian**

Other language(s):

English

LISTENING C1 READING C2 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

French

LISTENING A2 READING B1 WRITING A2

SPOKEN PRODUCTION A2 SPOKEN INTERACTION A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

NETWORKS AND MEMBERSHIPS

Memberships

Since 2012 - Member of European Association of Neuro-Oncology (EANO)

Since 2011 - Member of American Society of Clinical Oncology (ASCO)

Since 2010 - Member of The Society for NeuroOncology (SNO)

Since 2009 - Member of Italian Society of Neurosurgery (SINch)

Since 2006 - Young Member of European Association of Neurosurgical Societies (EANS)

Since 2005 - Founding member of the International Brain Tumour Association (IBTA)

Since 2003 - Member of the Société Internationale de l'Histoire de la Médecine (ISHM)

Since 2003 - Board Member of the Gregorianum College Alumni Association (AAG-Associazione ex-Allievi Collegio Gregorianum - University of Padova)

DRIVING LICENCE

Driving Licence: B

PROJECTS

Projects

Jan 2020 – Co-Investigator of the **PrintMed 3D** Grant; ID Project 1170989 from Regione Lombardia; Creating a regional multimodal HUB with innovative imaging and 3D printed models for personalized patients' rehearsal. P.I. Prof. Paolo Milani (University of Milan)

May 2018 - Co-developer of the first intraoperative neurosurgery simulation and rehearsal app and device (**USim**) together with Dr Francesco DiMeco and Camelot biomedical Systems (<https://academic.oup.com/ons/article/14/5/572/3898097>)

Oct. 2013 – Sept. 2018 Co-Investigator of the **FP7 EU-funded**, translational-research project **TheraGlio** (Grant Agreement 602923): "Microbubble driven multimodal imaging and theranostics for gliomas

2015 – Co-Investigator of the ROAM trial **EORTC-1308-ROG-BTG**: Radiation versus Observation following surgical resection of Atypical Meningioma: a randomized controlled trial

Feb. 2012 – Dec. 2013 Project Manager **Lower-Grade Glioma TCGA-project** at "C. Besta" – Milan, (Italy)

AENEID Academy for European Neurosurgical Excellence through Innovation and Diversity

[01/01/2021 – Current]

Knowledge Alliances Erasmus+ framework; **Principal Investigator**

Project outline

To harmonize and improve medical/surgical training in Europe in neurosurgery by means of high-tech simulation, cadaver laboratory, in-training fellowship programs, and soft skills training.

The AENEID project will train ten young European neurosurgery residents who will be learn the basic of the job in a patient-free environment (high-tech simulation and cadaver lab dissection) in order to obtain a driving licence to neurosurgery. Then, they will rotate across the ten most prominent neurosurgery centers across Europe, in order to get early exposure to all neurosurgical subspecialties and learn the job from the masters. Residents will not only acquire top-notch technical skills; as part of this program there will be a strong focus on soft-skills (e.g. communication, stress management, and empathy).

Link: <https://neurostream.academy/about/aeneid-info>

HONOURS AND AWARDS

Honours and awards

2017 – Best Oral Presentation: Neurosurgical simulation and psycho-metric assessment: can we train better neurosurgeons? EANS Meeting, Venice October 2018

2012 - Travel Award for Research Excellence (900 CAD) at the International Society for Developmental Neuroscience (ISDN) Meeting, Mumbai (India) Lecture on: Regulation of Glioblastoma Stem-like Cell Self-Renewal and Tumorigenicity)

2011 - Teuber-Neysmith Prize (200 CAD) from Prof. Brenda Milner, Fellow's Day, The Neuro – McGill University, Montreal (Canada). (Lecture on: Glioblastoma: ontogeny vs. oncology)

2010 - Teuber-Neysmith Prize (200 CAD) from Prof. Brenda Milner Fellow's Day, The Neuro – McGill University, Montreal (Canada). (Lecture on: Control of glioblastoma self-renewal and proliferation by the transcription factor FOXG1)

2010 - Best Research Project and Presentation prize (1000 CAD), Research Discussion Series, Montreal Neurological Institute – McGill University, Montreal (Canada)(Post-Doc Category – Year 2009/2010)

FUNDING

Funding

2023-ongoing

Donation co-recipient from Fondazione HEAL (<https://www.progettoheal.com>) to develop a new residency neurosurgery program for Italian doctors.

In collaboration with DeepBlue.com

€ 120.000

2019-2021

Donation recipient; Fondazione I.R.C.C.S. Istituto Neurologico C. Besta.

Research Grant: PrintMed 3D - ID Project 1170989. Creating a regional multimodal HUB with innovative imaging and 3D printed models for personalized patients' rehearsal

€ 626.708

Co-Investigator A.P.

2018

Donation recipient; Besta NeuroSim Center, Fondazione I.R.C.C.S. Istituto Neurologico C. Besta.

€ 295.000

Fondazione Giovanni Celeghin

2013-2018

P.I. Dr Francesco DiMeco; Fondazione I.R.C.C.S. Istituto Neurologico C. Besta, Milan (Italy)

Grant European Union Seventh Framework Programme FP7/2007-2013, (Grant Agreement no. 602923)
"Microbubble driven multimodal imaging and theranostics for gliomas" (TheraGlio)

€ 5.208.842 (5-year project)

Co- Principal Investigator A.P.

2014-16

Donation recipient; Fondazione I.R.C.C.S. Istituto Neurologico C. Besta.

Fondazione Filarete and Centro Europeo di Nanomedicina (CEN) - mApoE-Functionalized Lipidic -and Polymeric- Nanocomposite for Human Glioblastoma Imaging and Treatment

€ 40.000

Co-Investigator A.P.

2015-2020

Donations from private donors and companies to the Besta NeuroSim Center
around € 25.000

AENEID; Knowledge Alliances Erasmus+ framework

[01/01/2021 – Current]

European Commission, Erasmus+ project

€ 1.000.000

Principal Investigator

Link: <https://neurostream.academy/about/aeneid-info>

TEACHING ACTIVITY

Teaching activity

Trainer/teacher at the EANS Cranial Step1 hands-on course (Brno, Czech Republic) November 2023

Co-director of the, first high-tech simulation and cadaver dissection neurosurgery course MiGe (Milan-Geneva) Driving License to Neurosurgery – ABC course. Collaboration between the C. Besta Institute and University of Geneva. From 2018 to date

Adjunct professor, Medical School, University of Geneva (Geneva, Switzerland) since 2018

Virtual training simulation and surgical neuro-anatomy - Global Neuro Dissection Course Complex Cranial Access Skull Base and surrounding areas. Neurosurgery Dept. of the University of Vienna & Global Neuro, Vienna (Austria). October 2018

Instructor of the 'Corso di Ecografia Intraoperatoria', at the Fondazione Policlinico Universitario Agostino Gemelli Rome (Italy). September 2017

Instructor and organizer of the First Cranial Neurosurgery Simulation Sessions at the European Association of Neurosurgical Societies Courses and Congress in: Sofia (Bulgaria) February 2016, Vilnius (Lithuania) January 2017, Venice (Italy). October 2017

Instructor and organizer of the First Neurosurgical Trauma Simulation course in association with GlobalNeuro, at the AO Trauma Course, in Davos (Switzerland). December 2017

Instructor and organizer of the First Simulation Course at the Mediterranean Association of Neurological Surgeons, in Naples (Italy). June 2018

Adjunct Professor in Neuro-Oncology at the University of Trieste, Trieste (Italy) – Course title: Molecular Neuro-oncology at the International Master Degree in Neuroscience (language: English). Since 2013

Lecture on «Haemangiopericytoma», at the Neuro-Oncology Multidisciplinary Meeting Series, at the Istituto Neurologico "C. Besta" Milan (Italy). October 2012

Invited lectures at public high-schools, discussing with prospective university students about on how and why to choose a career in Medicine or Science. Since 2011

Lectures on Brain Development and Neuro Oncology at the University of Trieste at the Neuroscience Master Degree Program, students University of Trieste, Trieste (Italy). (topic: Neuro-Oncology and brain development. October 2011

Lectures on «Cerebral metastases and epilepsy» and «Current standard and future trends of glioblastoma treatment» to the McGill Neurosurgery Residents, McGill University, Montreal (Canada). Nov. 2009 – May 2010

Teaching and supervising Karen H.M. Fung and Diana Heckler (summer- students at Prof. Stifani's Laboratory) McGill University, Montreal (Canada). Spring/Summer of 2009 and 2010

Teaching and supervising medical students and neurosurgery residents at the University of Milan. Since 2013

CERTIFICATIONS

Certifications

Italian Medical License (full reg. since Jan. 2004) No. 4563

Italian Neurosurgery EU License (full reg. since Jan. 2009) No. 0439

British Medical License (GMC - UK) -Full reg. & specialist reg. (neurological surgery) No. 611127

PEER-REVIEW ACTIVITY

Peer-review activity

Since 2018 - Reviewer for The International Journal of Medical Robotics and Computer Assisted Surgery

Since 2016 - Reviewer for Scientific Reports

Since 2015 - Reviewer for SpringerPlus (Editor and Reviewer)

Since 2015 - Reviewer for Tumori Journal

Since 2015 - Reviewer for Frontiers

Since 2014 - Reviewer for PLOS ONE

Since 2014 - Reviewer for Acta Neurochirurgica

Since 2013 - Reviewer for Journal of Neurooncology

Since 2013 - Reviewer for World Neurosurgery

Since 2011 - Reviewer for Gene

COURSES (ORGANIZER - TUTOR)

Courses (organizer - tutor)

Jan 2020 – ABC, MiGe Basic Brain Surgery Course, from Simulation to Cadaver lab – Milan (Italy) and Geneva (Switzerland)

Dec 2019 - 1st International Course on Intraoperative Ultrasound in Neurosurgery, Tata Memorial Center, Mumbai, (India)

Jan 2019 – ABC, MiGe Basic Brain Surgery Course, from Simulation to Cadaver lab – Milan (Italy) and Geneva (Switzerland)–

Mar 2019 – 1st International Neurosurgery Simulation Course at World Federation of Neurosurgical Societies, Belgrade (Republic of Serbia)

Oct. 2018 - Virtual training simulation and surgical neuroanatomy course - Global Neuro Dissection Course Complex Cranial Access Skull Base and surrounding areas. Vienna (Austria)

Oct. 2018 – The 12th Panarab Neurosurgery Meeting; The 27th Moroccan Congress of Neurosurgery; The 9th Congress of the Moroccan Society of Spine and Spinal Cord Surgery. Marrakech (Morocco)

June 2018 - Simulation Session at the Mediterranean Association of Neurological Surgeons Congress, Napoli (Italy)

Intraoperative Ultrasound for Neurosurgeons - hands-on courses (<https://brainultrasound.org>)

Write here the 1st International course on intraoperative Ultrasound in Neurosurgery, Tata Memorial Centre, Mumbai, India (2-day course with hands-on training)

University of Pretoria Steve Biko Academic Hospital, Pretoria, South Africa (2 webinars)

Royal Melbourne Hospital, Melbourne, Australia (webinar)

The Chinese University of Hong Kong (CUHK) (webinar)

Massachusetts General Hospital/Harvard Medical School, Boston, USA (webinar)

Masterclass neurosurgical oncology, Tata Memorial Centre, Mumbai, India 🌐 (2-day course hybrid physical/virtual)

Hospital de la Santa Creu I Sant Pau, Barcelona (1 day course with hands-on training)

State University Sao Paulo, Brazil (webinar)

AACNS Pre-congress workshop (1 day course with hands-on training), Jerusalem, Israel

SNSA Pre-congress workshop (1 day course with hands-on training), Johannesburg, South Africa Sept 28, 2022

CNS (Congress of Neurological Surgeons), International Ultrasound Symposium, San Francisco, USA Oct 8-12, 2022

Masters of Brain Ultrasound in Neurosurgery, Third Edition, Barcelona, Spain, March 30-31, 2023

2023 Oporto Ultrasound in Neurosurgery Course, Porto, Portugal, May 4-5, 2023

EANS Pre-event training course – Intraoperative ultrasound (ioUS) in Neurosurgery, Thessaloniki, Greece, May 13, 2023

Pre-congress symposium, EANS congress Barcelona, Spain, September 24, 2023

IoUS in Neurosurgery course, Rabat, Morocco, October 13, 2023

Course at the 8th Intraoperative Imaging Society (IOIS) meeting in Deer Valley, Utah, USA, October 27, 2023description...

CITATIONS

Citations

h-Index 41 (Scopus - <https://orcid.org/0000-0002-6697-9835>)

PUBLICATIONS (PEER-REVIEWED)

Publications (peer-reviewed)

Author of more than 90 peer-reviewed publications

Scopus Author Identifier 14060833100

ORCID profile <https://orcid.org/0000-0002-6697-9835>

BOOK CHAPTERS

Book chapters

1: Mazzoleni, G. et al. (2023). 3D Printing Technology in Medicine: A Personalised Approach Towards a Safer Surgical Practice. In: Aseni, P., Grande, A.M., Leppäniemi, A., Chiara, O. (eds) *The High-risk Surgical Patient*. Springer, Cham. https://doi.org/10.1007/978-3-031-17273-1_55

2: Perin A, DiMeco F, Locatelli D (2022)

Neoplasie dell'encefalo. In *Chirurgia - Dionigi* (VII edizione)

3: DiMeco F, Perin A, Sgubin D, Quinones-Hinojosa A(2020).

Brain tumor stem cells. In: H. Winn, Youmans and Winn *Neurological Surgery*, 4-Volume Set 8th Edition (2021). Elsevier

4: Di Meco F, Perin A, Quinones-Hinojosa A (2016).

Brain tumor stem cells. In: H. Winn, Youmans and Winn *Neurological Surgery*, 4-Volume Set 7th Edition. p. 11730-11789, Elsevier, ISBN:9780323287821

5: De Momi E, Perin A (2015). Modelli virtuali per simulazione chirurgica. In: Ahluwallia A, Ciardelli G, De Angelis I, *Approcci ingegneristici per lo sviluppo di metodiche alternative alla sperimentazione in vivo*. Bologna: Patron Editore.

SEMINARS AND INVITED LECTURES

selected

A high-tech playground for future neurosurgeons: intraoperative ultrasound and beyond. VII Moscow International Neurosurgical Forum – Basic & applied aspects of treating primary brain tumor (gliomas). Moscow (Russia) 12 December 2019

Technology for education. EANS Congress. Dublin (Ireland) 24-28 September 2019

Special lecture, Towards the future of neurosurgical training & research. Global Neuro Dissection Course Complex Cranial Access Skull Base and surrounding areas. Global Neuro, Vienna (Austria). October 2018

HIGHLIGHTS: Education & training in neurosurgery up to new horizons. Towards the future of brain research, Besta Young Researchers' International Conference, Milan (Italy) 27-28 September 2018

Intraoperative US and contrast-enhanced US (CEUS) for high grade glioma. XXII Congress of the Spanish Society of Neurosurgery, (SENEC). Toledo (Spain) 16-18 May, 2018

Ultrasound in neurosurgery: Real time imaging and beyond. 41st Egyptian Congress of Neurosurgery, Cairo (Egypt) 21-24 March 2018.

Evolving training paradigms in neurosurgery: The Besta NeuroSim Center. 41st Egyptian Congress of Neurosurgery, Cairo (Egypt) 21-24 March 2018.

The role of simulation in neurosurgical training. SYNS Symposium. Lugano (Switzerland) 8-10 September 2017

Intraoperative ultrasound guidance and neurosurgical simulation at the Department of Neurosurgery. Department of Neurosurgery, University of Geneva Medical Center (HUG). Geneva (Switzerland) 29-30 November 2016

The transcranial perspective. Endoscopic Endonasal & Transcranial skull base approaches. Hands-on Course: 16th International Workshop. Naples (Italy) 3-4 November 2016

The Besta NeuroSimCenter: new selection and training paradigms for neurosurgeons. 14th International Meeting – Updates in Neuro-oncology Cortona (Italy) 1-5 July 2015

See one, do one, teach one – Conference Workshop 7AA – 8AA AMEE International Meeting Milan (Italy) 2 September 2014

Virtual Surgery. Neuro Highlights: from diagnosis to follow up – Brainstem Cavernous Angioma Biblioteca Centrale – Fondazione IRCCS Istituto Neurologico C. Besta Milan (Italy) 18 November 2013

Enhanced Neurosurgical Training and Practice through Simulation Applications. ITEC 2013 (Defence, Training, Simulation, Education) Rome (Italy) 22-24 May 2013

Glioblastoma: ontogeny vs. oncology. Fellow's Day (Montreal Neurological Institute – Neurosurgery Dept.) Montreal (QC – Canada) 27 May 2011

Control of GBM self-renewal and proliferation by the transcription factor FOXG1. Fellow's Day (Montreal Neurological Institute – Neurosurgery Dept.) Montreal (QC – Canada) 18 June 2010

Cavernomas of the third ventricle near the foramen of Monro: a transatlantic experience. Fellow's Day (Montreal Neurological Institute – Neurosurgery Dept.) Montreal (QC – Canada) 11 December 2009

Cell cycle control in brain tumors: from neural stem cells to malignant gliomas. Seminar at Prof. Weiss's Laboratory (Hotchkiss Brain Institute – University of Calgary) Calgary (AB – Canada) 20 November 2009

PRESENTATIONS

selected

(* presenting author)

Gambatesa E, Perin A*, Galbiati TF, Carone G, Ayadi R, Rocca A, Shabodyash D, Silberberg H, Orena EF, Ferroli P, DiMeco F. Stars Cascade: 3D rehearsal, simulation and debriefing to better clip cerebral aneurysms. EANS Congress. Dublin (Ireland) 24-28 September 2019

Perin A*, Moiraghi A, Carone G, Ayadi R, Rocca A, Gambatesa E, Galbiati TF, Godjevac J, Meling T, Schaller K, DiMeco F. Technical and non-technical skills by combined simulation and cadaver lab dissection: The ABC Basic Brain Course (Mi-Ge) EANS Congress. Dublin (Ireland) 24-28 September 2019

Perin A*, Carone G, Galbiati TF, Gambatesa E, Ayadi R, Rocca A, Shabodyash D, Silberberg H, Orena EF, Caldiroli D, DiMeco F. Better communication with neurosurgical patients with 3D technology: A prospective study. EANS Congress. Dublin (Ireland) 24-28 September 2019

Perin A*, Carone G, Galbiati TF, Gambatesa E, Ayadi R, Rocca A, Prada FU, Basso C, Santoro M, DiMeco F. USim: Intraoperative ultrasound made easy and handy for neurosurgeons. EANS Congress. Dublin (Ireland) 24-28 September 2019

Perin A.* Paving the way to something new in neurosurgical education. EANS Congress. Venice (Italy) 1-5 October 2017

Perin A.* Neurosurgical simulation and psycho-metric assessment: can we train better neurosurgeons? EANS Congress. Venice (Italy) 1-5 October 2017

Perin A.* Education in neurosurgery. Besta NeuroSim Center. VII Corso-convegno di neurochirurgia "Neuro-oncologia, neurochirurgia spinale, neurotraumatologia/ricostruzione cranica." Sirolo (Italy) 29 June – 1 July, 2017

Perin A.* New candidates' selection and teaching paradigms in neurosurgery: Preliminary experience at the Besta NeuroSim Center. EANS Congress. Athens (Greece) 6-9 September 2016

Perin A*, Del Maestro RF. A New Haptic-Feedback Virtual Reality Neurosurgical Simulator to Assess Performance in Brain Tumour Debulking. SINCH 2012 (Italian Neurosurgical Society Meeting) Rimini (Italy) 11-14 October 2012

Perin A*, Verginelli F, Dali R, Fung KH, Lo R, Longatti P, Guiot MC, Del Maestro RF, Rossi S, Di Porzio U, Stechishin O, Weiss S, Stifani S. A Neurodevelopmental Program at the Core of Glioblastoma Stem-like Cell Self-Renewal and Tumorigenicity. EANO (European Association of Neuro-Oncology) – 10th Meeting Marseille (France) 7 September 2012 – Neuro-Oncology 2012;14(Suppl3):1 (O.02)