

**FORMATO EUROPEO  
PER IL CURRICULUM  
VITAE**



**INFORMAZIONI PERSONALI**

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Nazionalità	Italiana
Data di nascita	29 AGOSTO 1980

**ESPERIENZA LAVORATIVA**

Dal 13/02/2015 – presente	Dirigente Medico in Neurochirurgia – Spedali Civili di Brescia
Dal 24/10/2011 al 12/02/2015	Dirigente Medico in Neurochirurgia (tempo determinato) – Spedali Civili di Brescia
Dal 01/07/2011 al 21/10/2011	Medico presso A.S.L. Torino 1 (Servizio di Continuità Assistenziale)
Dal 01/09/2007 al 21/10/2011	Medico presso Croce Rossa Italiana (Comitato Provinciale di Torino)
Dal 01/04/2009 al 30/09/2009	Medico Interno presso la Divisione di Neurochirurgia – Ospedale Universitario di Ginevra (CH)
Dal 01/12/2008 al 31/03/2009	Medico presso Presidio Convenzionato SSN "Il Porto" (neuropsichiatria) – Moncalieri (TO)
Dal 01/07/2006 al 31/03/2009	Medico presso Presidio Accreditato SSN "San Luca" (medicina e chirurgia) – Pecetto T.se (TO)
Dal 01/07/2006 al 31/03/2009	Medico presso Presidio Convenzionato SSN "Ville Augusta" (neuropsichiatria) – Bruino (TO)

**ISTRUZIONE E FORMAZIONE**

Dal gennaio 2012 – presente	<u>Scuola di Dottorato in Neuroscienze</u> – Università degli Studi di Torino
Dal luglio 2006 a luglio 2011	<u>Specializzazione in Neurochirurgia</u> – Università degli Studi di Torino Tesi: "La stimolazione corticale e sottocorticale diretta in awake surgery: attuale impiego nella chirurgia dei gliomi e prospettive di sviluppo" (70/70 Lode)
Da ottobre 1999 a luglio 2005	<u>Laurea in Medicina e Chirurgia</u> – Università degli Studi di Torino Tesi: "Utilizzo di cellule staminali derivate dal midollo osseo umano in un modello di glioma: distribuzione e differenziazione" (110/110 Lode)

## ESPERIENZE PROFESSIONALI

### ATTIVITÀ DI RICERCA

Attuali aree di interesse	Università degli Studi di Torino e di Brescia - Studio di nanoparticelle lipidiche solide per la terapia sperimentale dei gliomi di alto grado; - Genetica dei gliomi cerebrali; - Studi funzionali nella chirurgia dei gliomi; - Idrocefalo Normoteso Idiopatico; - Patologie cerebrovascolari.
Dal settembre 2004 al giugno 2005	Dipartimento di Neuroscienze – Università di Torino - Stem cells based therapy in high grade glioma.
Dal settembre 2003 al giugno 2004	Dipartimento di Neuroscienze – Università di Torino - Adult medulloblastoma: loss of function of p53 and MDM2 gene amplification; - Childish medulloblastoma: analysis of p14ARF gene deletion.
Dall'aprile 2001 al settembre 2001	Istituto per la Ricerca sul Cancro (IRCC) – Candiolo (TO) - Semaphorins, plexins, neuroligins: role in the control of axons in developing nervous tissue.

### ATTIVITÀ CLINICA

Esperienza chirurgica	Primo chirurgo ed aiuto nelle principali procedure chirurgiche craniche e spinali (traumatiche, oncologiche, vascolari e funzionali) in c.ca 1500 interventi.
Principali aree di interesse	- Neurooncologia - Neurochirurgia Stereotassica e Funzionale - Patologie neurodegenerative di interesse Neurochirurgico (Idrocefalo Normoteso, Parkinson) - Patologia sellare e parasellare - Patologia spinale

### ESPERIENZE ALL'ESTERO

Aprile – Settembre 2009	Ospedale Universitario di Ginevra, Divisione di Neurochirurgia – Ginevra (CH) - Attività clinica e di ricerca (neurooncologia e patologie vascolari di interesse nch)
Maggio – Giugno 2014	Ohio State University, Neurosurgical Unit – Columbus, Ohio (USA) - Observership (patologia sellare e parasellare)

### PRINCIPALI CORSI DI FORMAZIONE

<i>Bristol (UK), 2014</i>	Hydrocephalus 2014
<i>Roma, 2014</i>	Fluorescence-guided resection using gliolan
<i>Ohio, Columbus (USA), 2014</i>	Endoscopic Skull Base Surgery – Hands-on course
<i>Milano, 2014</i>	Trattamento chirurgico delle patologie psichiatriche
<i>Edinburgh (UK), 2013</i>	Surgical Technologies Symposium
<i>Udine, 2011</i>	Training on "Frameless" Nexframe system in deep brain stimulation
<i>Torino, 2011</i>	Skull base surgery: approaches and reconstructions
<i>Torino, 2010</i>	Updates in Awake Surgery
<i>Milano, 2010</i>	MITO Spine education basic course
<i>Bologna, 2010</i>	Microvascular decompression in trigeminal neuralgia: dissection course
<i>Genève (CH), 2009</i>	Cervical spine course – stabilization and total disc replacement
<i>Torino, 2009</i>	Skull base and cisterns surgery – "entry level"
<i>Reggio Emilia, 2008</i>	Cerebral biopsy and neuronavigation
<i>Menaggio, CO, 2008</i>	Italian skull base dissection course "Fukushima style"
<i>Torino, 2008</i>	Skull base and cisterns surgery – "entry level"
<i>Torino, 2008</i>	Neuralgia Trigeminal e emispasmo facciale

Bergamo, 2007  
Menaggio, CO, 2007  
Milano, 2007 – 2008 – 2009  
Torino, 2005  
Torino, 2005 – 2006 – 2009  
Torino, 2004

Traumatologia Cranio-Maxillo-Facciale  
Fukushima's Italian skull base dissection course  
AOSpine course  
Temporal Bone Dissection Course (Fukushima)  
Advanced trauma life support (ATLS)  
Advanced medical life support (AMLS)

## ATTIVITÀ SCIENTIFICA

### BREVETTO

Nanoparticelle lipidiche solide per veicolare farmaci antitumorali oltre la barriera emato-encefalica, in particolare per il trattamento dei tumori cerebrali.  
- Brevetto n° MO2014A000083 del 31/03/2014

### CAPITOLO DI LIBRO

Techniques for the preparation of solid lipid nano and microparticles.  
- Application of Nanotechnology in Drug Delivery, ISBN 980-953-307-1111-8, InTech, 2014

### PUBBLICAZIONI (riviste internazionali "peer reviewed")

1: ***Role of nitric oxide and mechanisms involved into cerebral injury after subarachnoid hemorrhage: is nitric oxide a possible answer to cerebral vasospasm?*** Crobeddu E, Pilloni G, Tardivo V, Fontanella MM, Panciani PP, et al. J Neurosurg Sci. 2015 Jan 20. [Epub ahead of print] PubMed PMID: 25600552.

2: ***Robotic tilt table reduces the occurrence of orthostatic hypotension over time in vegetative states.*** Taveggia G, Ragusa I, Trani V, Cuva D, Angeretti C, Fontanella M, Panciani PP, Borboni A. Int J Rehabil Res. 2015 Jan 14. [Epub ahead of print] PubMed PMID: 25591054.

3: ***Positive-charged solid lipid nanoparticles as paclitaxel drug delivery system in glioblastoma treatment.*** Chirio D, Gallarate M, Peira E, Battaglia L, Muntoni E, Riganti C, Biasibetti E, Capucchio MT, Valazza A, Panciani PP, et al. Eur J Pharm Biopharm. 2014 Nov;88(3):746-58. PubMed PMID: 25445304.

4: ***Management of vascular and ureteral complications after lumbar discectomy.*** Crobeddu E, Garbossa D, Pilloni G, Bozzaro M, Berjano P, Gontero P, Fiorito C, Panciani PP, Spina G, Zenga F, Tartara F, Fontanella M, Ducati A. J Neurosurg Sci. 2014 Jun;58(2 Suppl 1):107-12. PubMed PMID: 25371959.

5: ***Do stand alone cervical interbody spacers pose any advantage over plate and screws?*** Ajello M, Garbossa D, Fiumefreddo A, Marengo N, Bozzaro M, Tartara F, Zenga F, Pilloni G, Panciani PP, Spina G, Berjano P, Fontanella M, Ducati A. J Neurosurg Sci. 2014 Jun;58(2 Suppl 1):49-53. Review. PubMed PMID: 25371949.

6: ***Minimally invasive transforaminal interbody fusion: a single center experience.*** Bergomi R, Panciani PP, Bogna A, Fazio M, Spanu F, Bacigaluppi S, Fontanella MM. J Neurosurg Sci. 2014 Jun;58(2 Suppl 1):29-33. PubMed PMID: 25371945.

7: ***Minimally invasive surgery for thoracic and lumbar spinal fractures: rationale for treatment.*** Spina G, Panciani PP, Costi E, Nicolosi F, Fontanella MM. J Neurosurg Sci. 2014 Jun;58(2 Suppl 1):23-7. Review. PubMed PMID: 25371944.

8: ***Pre-symptomatic cervical myelopathy: should we operate or should we observe? What is the chance of spinal cord injury from an accident?*** Fontanella MM, Fazio M, Francione A, Bacigaluppi S, Griva F, Visocchi M, Panciani PP, Bergomi R, Spina G. J Neurosurg Sci. 2014 Jun;58(2 Suppl 1):15-22. Review. PubMed PMID: 25371943.

9: ***Resection of supratentorial gliomas: the need to merge microsurgical technical cornerstones with modern functional mapping concepts. An overview.*** Spina G, Panciani PP, Fontanella MM. Neurosurg Rev. 2015 Jan;38(1):59-70. doi:10.1007/s10143-014-0578-y. Epub 2014 Oct 21. PubMed PMID: 25328001.

10: ***Cyclic alternation of paraplegia and leg pain as symptoms of a giant spontaneous***

**spinal epidural haematoma.** Schatlo B, Panciani PP, Bijlenga P, Schaller K. Acta Neurochir (Wien). 2014 Nov;156(11):2155-7. doi:10.1007/s00701-014-2245-z. PubMed PMID: 25260927.

11: **Three-dimensional conformal radiotherapy, static intensity-modulated and helical intensity-modulated radiotherapy in glioblastoma. Dosimetric comparison in patients with overlap between target volumes and organs at risk.** Buglione M, Spiazzi L, Saiani F, Costa L, Shehi B, Lazzari B, Uccelli C, Pasinetti N, Borghetti P, Triggiani L, Donadoni L, Pedretti S, Magrini SM; Neuro-Oncology Group (Panciani PP, et al), Spedali Civili, Brescia University, Brescia, Italy. Tumori. 2014 May-Jun;100(3):272-7. doi: 10.1700/1578.17200. PubMed PMID: 25076237.

12: **Sudden worsening after subdural haematoma surgery: will there be a corpus callosum injury?** Panciani PP, Roca E, Lodoli G, Fontanella MM. BMJ Case Rep. 2014 May 26;2014. pii: bcr2013203278. doi: 10.1136/bcr-2013-203278. PubMed PMID: 24862419.

13: **Solid lipid nanoparticles for potential doxorubicin delivery in glioblastoma treatment: preliminary in vitro studies.** Battaglia L, Gallarate M, Peira E, Chirio D, Muntoni E, Biasibetti E, Capucchio MT, Valazza A, Panciani PP, Lanotte M, Schiffer D, Annovazzi L, Caldera V, Mellai M, Riganti C. J Pharm Sci. 2014 Jul;103(7):2157-65. doi: 10.1002/jps.24002. Epub 2014 May 13. PubMed PMID: 24824141.

14: **Acute functional reactivation of the language network during awake intraoperative brain mapping.** Spena G, Costi E, Panciani PP, Roca E, Migliorati K, Fontanella MM. Neurocase. 2014 May 7:1-5. [Epub ahead of print] PubMed PMID: 24807293.

15: **Surgery in cerebral metastases: are numbers so important?** Agnoletti A, Mencarani C, Panciani PP, Buffoni L, Ronchetti G, Spena G, Tartara F, Buglione M, Pagano M, Ducati A, Fontanella M, Garbossa D. J Cancer Res Ther. 2014 Jan-Mar;10(1):79-83. doi: 10.4103/0973-1482.131390. PubMed PMID: 24762491.

16: **Say "no" to spinal cord injury: is nitric oxide an option for therapeutic strategies?** Tardivo V, Crobeddu E, Pilloni G, Fontanella M, Spena G, Panciani PP, Berjano P, Ajello M, Bozzaro M, Agnoletti A, Altieri R, Fiumefreddo A, Zenga F, Ducati A, Garbossa D. Int J Neurosci. 2015 Feb;125(2):81-90. doi:10.3109/00207454.2014.908877. Epub 2014 May 27. PubMed PMID: 24697508.

17: **Professional athletes and cerebral cavernomas: an obstacle to overcome.** Fontanella MM, Panciani PP, Spena G, Roca E, Migliorati K, Ambrosi C, Sturiale CL, Retta FS. J Sports Med Phys Fitness. 2014 Mar 18. [Epub ahead of print] PubMed PMID: 24637509.

18: **Acute supratentorial ischemic stroke: when surgery is mandatory.** Ronchetti G, Panciani PP, Stefini R, Spena G, Fontanella MM. Biomed Res Int. 2014;2014:624126. doi: 10.1155/2014/624126. Epub 2014 Jan 14. Review. PubMed PMID: 24527453; PubMed Central PMCID: PMC3914548.

19: **Supratentorial gliomas in eloquent areas: which parameters can predict functional outcome and extent of resection?** Spena G, D'Agata F, Panciani PP, Buglione di Monale M, Fontanella MM. PLoS One. 2013 Dec 5;8(12):e80916. doi:10.1371/journal.pone.0080916. eCollection 2013. PubMed PMID: 24339890; PubMed Central PMCID: PMC3855229.

20: **Cerebrovascular diseases in the elderly: the challenge of multiple aneurysms.** Crobeddu E, Panciani PP, Garbossa D, Pilloni G, Fornaro R, Ronchetti G, Spena G, Tartara F, Ducati A, Fontanella M. Int J Neurosci. 2014 Aug;124(8):573-6. doi:10.3109/00207454.2013.873797. Epub 2014 Jan 14. PubMed PMID: 24325388.

21: **Can neck swelling lead to spinal cord compression?** Costi E, Roca E, Spanu F, Nicolosi F, Nodari G, Fontanella M, Panciani PP. World J Clin Cases. 2013 Apr 16;1(1):56-8. doi: 10.12998/wjcc.v1.i1.56. PubMed PMID: 24303465; PubMed Central PMCID: PMC3845924.

22: **Automated end-to-side anastomosis to the middle cerebral artery with C-Port xA: A feasibility study on human cadavers.** Fontanella M, Benevello C, Panciani PP, Ronchetti G, Bacigaluppi S, Stefini R, Spena G, Garbossa D, Ducati A. Asian J Neurosurg. 2013 Apr;8(2):74-

23: **Cerebral Wegener's granuloma: surgery mandatory for diagnosis and treatment.** Nicolosi F, Nodari G, Spena G, Roca E, Migliorati K, Esposito G, Stefini R, Fontanella M, Panciani PP.

Case Rep Neurol Med. 2013;2013:750391. doi:10.1155/2013/750391. Epub 2013 May 16. PubMed PMID: 23762680; PubMed Central PMCID: PMC3670469.

24: **Vascular endothelial growth factor gene polymorphisms and intracranial aneurysms.**

Fontanella M, Gallone S, Panciani PP, Garbossa D, Stefini R, Latronico N, Rubino E, Marengo N, Ducati A, Pinessi L, Rainero I. Acta Neurochir (Wien). 2013 Aug;155(8):1511-5. doi: 10.1007/s00701-013-1779-9. Epub 2013 Jun 1. PubMed PMID: 23728502.

25: **A retrospective two-center study of antiepileptic prophylaxis in patients with surgically treated high-grade gliomas.**

Garbossa D, Panciani PP, Angeleri R, Battaglia L, Tartara F, Ajello M, Agnoletti A, Versari P, Ducati A, Fontanella M, Spena G. Neurol India. 2013 Mar-Apr;61(2):131-7. doi:10.4103/0028-3886.111118. PubMed PMID: 23644311.

26: **Ruptured aneurysm in sphenoid sinus: which is the best treatment?**

Ronchetti G, Panciani PP, Cornali C, Mardighian D, Villaret AB, Stefini R, Fontanella MM, Gasparotti R. Case Rep Neurol. 2013 Jan;5(1):1-5. doi:10.1159/000346347. Epub 2013 Jan 3. PubMed PMID: 23466927; PubMed Central PMCID: PMC3573798.

27: **Purely subcortical tumors in eloquent areas: awake surgery and cortical and subcortical electrical stimulation (CSES) ensure safe and effective surgery.**

Spena G, Garbossa D, Panciani PP, Griva F, Fontanella MM. Clin Neurol Neurosurg. 2013 Sep;115(9):1595-601. doi:10.1016/j.clineuro.2013.02.006. Epub 2013 Mar 5. PubMed PMID: 23465617.

28: **Dorsal paddle leads implant for spinal cord stimulation through laminotomy with midline structures preservation.**

Mearini M, Bergomi R, Panciani PP, Stefini R, Esposito G, Sicuri GM, Costi E, Ronchetti G, Fontanella M. Surg Neurol Int. 2012;3:164. doi:10.4103/2152-7806.105275. Epub 2012 Dec 31. PubMed PMID: 23372980; PubMed Central PMCID: PMC3551524.

29: **Recovery after delayed surgery in a case of spinal subdural hematoma.**

Panciani PP, Cornali C, Agnoletti A, Esposito G, Ronchetti G, Fontanella M. Case Rep Neurol Med. 2013;2013:310854. doi: 10.1155/2013/310854. Epub 2013 Jan 13. PubMed PMID: 23365771; PubMed Central PMCID: PMC3556841.

30: **Multiple cavernomas of the brain: simultaneous hemorrhage of two lesions in a non-familial form.**

Panciani PP, Agnoletti A, Fornaro R, Fontanella M, Ducati A. Turk Neurosurg. 2012;22(6):671-4. doi:10.5137/1019-5149.JTN.4107-11.2. PubMed PMID: 23208895.

31: **Stem cells based therapy in high grade glioma: why the intraventricular route should be preferred?**

Panciani PP, Fontanella M, Tamagno I, Battaglia L, Garbossa D, Inghirami G, Fagioli F, Pagano M, Ducati A, Lanotte M. J Neurosurg Sci. 2012 Sep;56(3):221-9. PubMed PMID: 22854590.

32: **Central neuropathic itch as the presenting symptom of an intramedullary cavernous hemangioma: case report and review of literature.**

Lanotte M, Panciani PP, Magistrello M, Naldi A, Fontanella M, Ducati A, Giordana MT. Clin Neurol Neurosurg. 2013 Apr;115(4):454-6. doi:10.1016/j.clineuro.2012.05.028. Epub 2012 Jun 17. PubMed PMID: 22709800.

33: **5-aminolevulinic acid and neuronavigation in high-grade glioma surgery: results of a combined approach.**

Panciani PP, Fontanella M, Garbossa D, Agnoletti A, Ducati A, Lanotte M. Neurocirurgia (Astur). 2012 Feb;23(1):23-8. doi:10.1016/j.neucir.2012.04.003. PubMed PMID: 22520100.

34: **Spontaneous subarachnoid hemorrhage in the emergency department.**

Garbossa D, Fontanella M, Ducati A, Fronda C, Panciani PP, Fornaro R, Tartara F, Crobeddu E, Marengo N. Emergency Care Journal, 2: 36–42; 2012.

35: **Fluorescence and image guided resection in high grade glioma.** Panciani PP, Fontanella M, Schatlo B, Garbossa D, Agnoletti A, Ducati A, Lanotte M. Clin Neurol Neurosurg. 2012 Jan;114(1):37-41. doi:10.1016/j.clineuro.2011.09.001. Epub 2011 Sep 29. PubMed PMID: 21963142.

36: **Optic nerve fenestration in sphenoid wing meningioma.** Panciani PP, Crobeddu E, Garbossa D, Ducati A, Fontanella M. Neurol India. 2011 May-Jun;59(3):461-3. doi:10.4103/0028-3886.82730. PubMed PMID: 21743184.

37: **Subarachnoid hemorrhage in elderly: advantages of the endovascular treatment.** Garbossa D, Panciani PP, Fornaro R, Crobeddu E, Marengo N, Fronda C, Ducati A, Bergui M, Fontanella M. Geriatr Gerontol Int. 2012 Jan;12(1):46-9. doi:10.1111/j.1447-0594.2011.00725.x. Epub 2011 Jul 6. PubMed PMID: 21729225.

38: **Subarachnoid hemorrhage and negative angiography: clinical course and long-term follow-up.** Fontanella M, Rainero I, Panciani PP, Schatlo B, Benevello C, Garbossa D, Carlino C, Valfrè W, Griva F, Bradac GB, Ducati A. Neurosurg Rev. 2011 Oct;34(4):477-84. doi:10.1007/s10143-011-0323-8. Epub 2011 May 24. PubMed PMID: 21607573.

39: **Spontaneous occlusion of a spinal arteriovenous malformation: is treatment always necessary?** Panciani PP, Fontanella M, Crobeddu E, Schatlo B, Bergui M, Ducati A. J Neurosurg Spine. 2010 Apr;12(4):397-401. doi:10.3171/2009.10.SPINE09421. PubMed PMID: 20367375.

40: **Unusual presentation of a spontaneous spinal epidural haematoma.** Panciani PP, Forgnone S, Fontanella M, Ducati A, Lanotte M. Acta Neurol Belg. 2009 Jun;109(2):146-8. PubMed PMID: 19681448.

41: **Systemic cancer metastasis in a meningioma: report of two cases and review of the literature.** Lanotte M, Benech F, Panciani PP, Cassoni P, Ducati A. Clin Neurol Neurosurg. 2009 Jan;111(1):87-93. doi:10.1016/j.clineuro.2008.07.011. Epub 2008 Oct 19. Review. PubMed PMID: 18930586.

42: **Management of skin erosion following deep brain stimulation.** Lanotte M, Verna G, Panciani PP, Taveggia A, Zibetti M, Lopiano L, Ducati A. Neurosurg Rev. 2009 Jan;32(1):111-4; discussion 114-5. doi:10.1007/s10143-008-0158-0. Epub 2008 Sep 5. PubMed PMID: 18773232.

43: **Progressive spontaneous occlusion of a cerebellar AVM: pathogenetic hypothesis and review of literature.** Panciani PP, Fontanella M, Carlino C, Bergui M, Ducati A. Clin Neurol Neurosurg. 2008 May;110(5):502-10. doi:10.1016/j.clineuro.2008.01.009. Epub 2008 Mar 7. Review. PubMed PMID: 18329163.

#### ABSTRACTS

(comunicazioni a congressi nazionali e internazionali)

**1) Incidence of Primary Central Nervous System Lymphomas does not increase in the late 1990s – early 2000s**

- *Neuro-oncology*, 6: 327; **2004**

**2) Primary Central Nervous System Lymphomas: an epidemiological study in Piedmont**

- *Neurological Sciences*, 25: S92; **2004**

**3) Incidence of Primary Central Nervous System Lymphomas does not increase in the late 1990s – early 2000s**

- *IX Congresso Associazione Italiana Neuro-Oncologia*, pag 82 – Varese, 20-30/10/**2004**

**4) Studio Epidemiologico dei Linfomi Cerebrali Primitivi in Piemonte nel 1984-2003**

- *Focus sulle neuropatie periferiche: il percorso diagnostico*, pag 8 – Asti, 06/11/**2004**

**5) Distribution and differentiation of human bone marrow-derived mesenchymal stem cells: a potential anti glioma cellular vector**

- *56° Congress of the Italian Neurosurgical Society* – Roma, 24-26/06/**2007**

**6) PCNSL: immunophenotypic features and survival**

- *Updates in Neuro-Oncology, II International Meeting* – Cortona, 28-30/06/**2007**

**7) Primary Central Nervous System Lymphomas: immunophenotypic features and survival**

- *Clinical Neuropathology*, 26: 256; 2007
- 8) **“Tumor to tumor”**: two cases report and review of the literature  
- *Rivista Medica*, 14 (suppl 1): 34; 2008
- 9) **Primary Central Nervous System Lymphomas: immunophenotypical features and prognostic value of bcl6**  
- *Rivista Medica*, 14 (suppl 1): 30; 2008
- 10) **Selective dorsal lumbo-sacral rhizotomy for spasticity in children. Why should the mini-invasive approach be preferred?**  
- 59° Congress of the German Neurosurgical Society – Wuzburg, 01-04/06/2008
- 11) **Survivin: a possible therapeutic target in glioblastoma**  
- *Rivista Medica*, 14 (suppl 3): 71; 2008
- 12) **Surgical complications in deep brain stimulation of the subthalamic nucleus for Parkinson's disease – experience from a single centre**  
- *Acta Neurochir (Wien)*, 150: 938; 2008
- 13) **Clinical value of intraoperative neurophysiological monitoring in supratentorial surgery**  
- 57° Congress of the Italian Neurosurgical Society, pag 22 – Udine, 6-9/11/ 2008
- 14) **Cerebral and spinal arteriovenous lesions: pathogenetic mechanisms of spontaneous thrombosis**  
- 57° Congress of the Italian Neurosurgical Society, pag 70 – Udine, 6-9/11/ 2008
- 15) **Vasospasm after SAH due to aneurysm rupture of the anterior circle of Willis**  
- 57° Congress of the Italian Neurosurgical Society, pag 71 – Udine, 6-9/11/ 2008
- 16) **Surgical complications in deep brain stimulation of the subthalamic nucleus for Parkinson's disease – experience from a single centre**  
- 57° Congress of the Italian Neurosurgical Society, pag 103 – Udine, 6-9/11/ 2008
- 17) **Clipping or endovascular treatment of cerebral aneurysms: a retrospective 10-year experience of a single centre**  
- 57° Congress of the Italian Neurosurgical Society, pag 132 – Udine, 6-9/11/ 2008
- 18) **Survivina: un possibile target terapeutico nei glioblastomi**  
- 57° Congress of the Italian Neurosurgical Society, pag 179 – Udine, 6-9/11/ 2008
- 19) **Stereotaxy applied to basic research in neuroscience: surgical technique and fields of application**  
- 57° Congress of the Italian Neurosurgical Society, pag 230 – Udine, 6-9/11/ 2008
- 20) **Meningiomi del tubercolo della sella: importanza della decompressione extradurale del nervo ottico sull'outcome visivo**  
- 10° Congress of the Italian Society of Skull Base – Bergamo, 11-13/12/2008
- 21) **Clinical value of intraoperative neurophysiological monitoring in supratentorial surgery**  
- *EANS Annual Meeting*, pag 246 – Marseille, 27-31/03/2009
- 22) **Linfomi primitivi del sistema nervoso centrale: il ruolo dei markers biologici**  
- *Rivista italiana di Neurobiologia*, suppl 1: 103-104; 2009
- 23) **Linfomi primitivi del sistema nervoso centrale: il ruolo dei markers biologici**  
- *Rivista Medica*, 15 (suppl 2): 93; 2009
- 24) **Intraoperative neurophysiological monitoring: a valid alternative to awake surgery?**  
- 58° Congress of the Italian Neurosurgical Society, pag 100 – Lecce, 14-17/10/2009
- 25) **Linfomi primitivi del sistema nervoso centrale: il ruolo dei markers biologici**  
- 58° Congress of the Italian Neurosurgical Society, pag 132 – Lecce, 14-17/10/2009
- 26) **New light inside the brain: the role of photosensitizing agents and indocyanine green videoangiography in brain tumor surgery**  
- 58° Congress of the Italian Neurosurgical Society, pag 220 – Lecce, 14-17/10/2009
- 27) **Intraoperative neurophysiological monitoring and awake surgery: a comparative study**  
- *EANS Annual Meeting* – Groningen, 25-27/03/2010
- 28) **Radiological accuracy of fluoroscopic navigation in percutaneous pedicle screw application**  
- *Milano Spine 2010* – Milano, 09-10/04/2010
- 29) **Polymorphisms and mutations of TP53 in gliomas and influence on tumoral onset**  
- *Updates in Neuro-Oncology, IX International Meeting* – Cortona, 2-4/07/2010
- 30) **Fluorescence-guided resection of glioblastoma multiforme: a multiple sampling study to evaluate the accuracy of 5-aminolevulinic acid**  
- *Updates in Neuro-Oncology, IX International Meeting* – Cortona, 2-4/07/2010

- 31) TP53 gene polymorphisms and mutations' correlation in blood and tumoral tissue in a group of patients with gliomas**  
- *Neurological Sciences*, 31: S135; 2010
- 32) 5-aminolevulinic acid accuracy in high grade glioma surgery**  
- 59° Congress of the Italian Neurosurgical Society, pag 124 – Milano, 27-30/10/2010
- 33) Awake surgery and intraoperative monitoring: a comparative study**  
- 59° Congress of the Italian Neurosurgical Society, pag 183 – Milano, 27-30/10/2010
- 34) Accuracy of the percutaneous pedicle screw placement using the 2-dimensional fluoroscopy-based navigation**  
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- Glioblastoma 2013 – Milano, 21/06/2013 &  
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- 62° SINch – Palermo, 10-12/10/2013
- 62) Solid lipid nanoparticles as antineoplastic drugs vehicles in glioblastoma multiforme: in vitro and in vivo pathological effects**  
- 31° Annual Meeting of the European Society of Veterinary Pathology – London, 4-7/09/2013
- 63) Supratentorial gliomas in eloquent areas: which parameters can predict functional outcomes and extent of resection?**  
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- 64) Purley subcortical tumors in eloquent areas: awake surgery and cortical and subcortical electrical stimulation ensure safe and effective surgery**  
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- 65) Ruolo degli fogli siliconici nel prevenire la fibrosi peridurale post craniectomia decompressiva.**  
- 2° Congresso Nazionale sulla Cranioplastica; Lecco, 13-14 June 2014
- 66) Computerized Gait Analysis with inertial sensor as an important supporting tool for correct and early diagnosis in patient with suspect idiopathic normal pressure hydrocephalus**  
- Hydrocephalus 2014; Bristol (UK), Bristol (UK), 5-8 September 2014
- 67) Approccio multidisciplinare all'idrocefalo normoteso idiopatico per l'identificazione di un nuovo score diagnostico.**  
- 63° Congresso Nazionale SINch; Vicenza, 25-27 September 2014
- 68) Utilizzo di materiale inerte nelle craniotomie decompressive: un reale vantaggio per i pazienti?**  
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- EANS 2014 - 15th European Congress of Neurosurgery; Prague, 12-17 October 2014

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World Journal of Clinical Cases, Journal of Neurosurgical Sciences (Advisory Board from 2014).

PROGETTI DI RICERCA FINANZIATI

Development of solid lipid nanoparticles as vehicles of antineoplastic drugs to improve the pharmacological glioblastoma therapy.

- Progetto finanziato dalla Compagnia di San Paolo (*orto11winst*) – 2011

Idrocefalo Normoteso Idiopatico: dalla clinica al territorio per la cura di una demenza reversibile.

- Progetto finanziato dalla Fondazione Comunità Bresciana – 2014