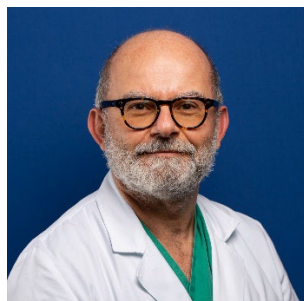


Curriculum Vitae



Personal information

First name(s) / Surname(s)

Gianluigi Zona

Address(es)

Privato: Via Siena 7/6, 16146 Genova – (Italia)

Professionale: UO Clinica Neurochirurgica e Neurotraumatologica – IRCCS Policlinico San Martino – Largo R. Benzi, 10 - 16132 Genova (Italia)

Telephone(s)

0039.010.5557101

E-mail

gianluigi.zona@unige.it

Nationality

Italiana e Svizzera

Date of birth

24.08.1968

Gender

Maschio

Occupational field

Neurochirurgia

Summary

Tumori cerebrali, tumori ipofisari, patologia cerebrovascolare (aneurismi, MAV, cavernomi), neurotraumatologia

Current positions

Dates

Dal 2012 a oggi - Direttore, UO Clinica Neurochirurgica e Neurotraumatologica – IRCCS Policlinico San Martino di Genova

Dal 2019 a oggi – Professore Ordinario di Neurochirurgia (MED 27), DiNOGMI, Università di Genova, Italia

Dal 2021 a oggi – Direttore, DAI Neuroscienze, IRCCS Policlinico San Martino di Genova

Dal 2023 a oggi – Direttore della Scuola di Specializzazione in Neurochirurgia – Università di Genova

Occupation or position held

1998-2000 – Dirigente medico I livello – AO Niguarda Ca' Granda - Milano (Italia)

2000-2012 – Dirigente medico I livello – UO Clinica Neurochirurgica – Ospedale Policlinico San Martino di Genova

2014-2019 – Professore Associato di Neurochirurgia (MED 27) – DiNOGMI – Università di Genova (Italia)

Main activities and responsibilities

Ricerca clinica e traslazionale, Insegnamento a student e specializzandi, Coordinamento reparti neuroscienze dell'IRCCS San Martino di Genova

Name and address of employer

Università di Genova

Education and training

Annex 2

Dates	1988-1989 – Student volunteer and guest researcher - Laboratory of Tumor Immunology and Biology – NIH – Bethesda (USA) 1990-1992 – Studente in medicina – Erasme University – Brussels (Belgium) 1992 – Laurea in Medicina e Chirurgia – Università “Federico II” – Napoli 1997 – Specializzazione in Neurochirurgia – Università “Federico II” -Napoli 1996-1998 – Chef de Clinique adjoint – Service de Neurochirurgie - Hôpitaux Universitaires de Genève – (Switzerland) 2004 – Dottorato in Biotecnologia – Università Bicocca – Milano (Italia) 2006 – Honorary Surgeon – Dept. of Neurosurgery – Queen’s Square Hospital – UCL – London (UK) 2007 – Visiting Professor – Dept. of Neurosurgery – Central University Hospital – Helsinki (Finland).
-------	---

Pubblicazioni selezionate**Capitoli di Libri**

Spaziante R., de Divitiis E, Zona G.: La chirurgia del dolore cronico neoplastico. In Mazzeo F., Forestieri P. (ed): Trattato di chirurgia oncologica, Padova, Piccin Editore 2003, vol. 1, pp 33.1-33.53

Spaziante R., de Divitiis E., Cappabianca P., Zona G.: Repair of the sella turcica after transsphenoidal surgery. In Schmidek HH, Roberts DW (eds): Schmidek and Sweet's Operative Neurosurgical Techniques 5th edition. Indications, Methods and Results. Philadelphia: W.B. Saunders 2005, vol. 1, pp. 390-408.

Delitala A, Spaziante R, Zona G, Brunori A, Marruzzo D, Melloni I: Draining techniques for cystic craniopharyngiomas. In Cappabianca P et al. (eds): Midline Skull base Surgery. Basel: Springer International 2016, pp. 105-112

Castellan L, Roccatagliata L, Zona G: Aneurismi emorragici. In Mangiafico S. (eds): Interventistica Neurovascolare. Milano: Poletto Editore 2017

Articoli originali (2018-2024)

Iaccarino C, Chibbaro S, Sauvigny T, Timofeev I, Zaed I, Franchetti S, Mee H, Belli A, Buki A, De Bonis P, Demetriades AK, Depreitere B, Fountas K, Ganau M, Germanò A, Hutchinson P, Kolias A, Lindner D, Lippa L, Marklund N, McMahon C, Mielke D, Nasi D, Peul W, Poca MA, Pompucci A, Posti JP, Serban NL, Splavski B, Florian IS, Tasiou A, Zona G, Servadei F. Consensus-based recommendations for diagnosis and surgical management of cranioplasty and post-traumatic hydrocephalus from a European panel. *Brain Spine*. 2024 Jan 26;4:102761. doi: 10.1016/j.bas.2024.102761. PMID: 38510640; PMCID: PMC10951750.

Bianconi A, Ceraudo M, Nico E, Minardi M, Allevi M, Prior A, Garbossa D, Zona G, Fiaschi P. To use or not to use antithrombotics in unruptured cerebrovascular malformations? A systematic review focusing on this clinical and surgical dilemma. *Neurosurg Focus*. 2023 Oct;55(4):E14. doi: 10.3171/2023.7.FOCUS23117. PMID: 37778036.

Mori L, Collino F, Marzi A, Pellegrino L, Ponzano M, Chiaro DD, Maestrini S, Caneva S, Pardini M, Fiaschi P, Zona G, Trompetto C; Ligurian INPH Study. Useful outcome measures in INPH patients evaluation. *Front Neurol*. 2023 Aug 7;14:1201932. doi: 10.3389/fneur.2023.1201932. PMID: 37609661; PMCID: PMC10441237.

Battaglini D, Parodi L, Cinotti R, Asehnoune K, Taccone FS, Orengo G, Zona G, Uccelli A, Ferro G, Robba M, Pelosi P, Robba C. Ventilator-associated pneumonia in neurocritically ill patients: insights from the ENIO international prospective observational study. *Respir Res*. 2023 May 31;24(1):146. doi: 10.1186/s12931-023-02456-9. PMID: 37259054; PMCID: PMC10234099.

Barbieri F, Bajetto A, Dellacasagrande I, Solari A, Würth R, Fernandez V, Rancati S, Ceresa D, Appolloni I, De Luca G, Dono M, Nozza P, Schiapparelli P, Gambaro M, Fiaschi P, Gaggero G, Costanzo N, Thellung S, Malatesta P, Pagano A, Zona G, De Pietri Tonelli D, Florio T. Stem-like signatures in human meningioma cells are under the control of CXCL11/CXCL12 chemokine activity. *Neuro Oncol*. 2023 Oct 3;25(10):1775-1787. doi: 10.1093/neuonc/noad076. PMID: 37074930; PMCID: PMC10547527.

Iaccarino C, Carretta A, Demetriades AK, Di Minno G, Giussani C, Marcucci R, Marklund N, Mastrojanni G, Pompucci A, Stefini R, Zona G, Cividini A, Petrella G, Coluccio V, Marietta M. Management of Antithrombotic Drugs in Patients with Isolated Traumatic Brain Injury: An Intersociety Consensus Document. *Neurocrit Care*. 2024 Feb;40(1):314-327. doi: 10.1007/s12028-023-01715-3. Epub 2023 Apr 7. PMID: 37029314.

Annex 2

Colonna S, Bianconi A, Cofano F, Prior A, Di Perna G, Palmieri G, Zona G, Garbossa D, Fiaschi P. Radiofrequency Ablation in Vertebral Body Metastasis with and without Percutaneous Cement Augmentation: A Systematic Review Addressing the Need for SPINE Stability Evaluation. *Diagnostics (Basel)*. 2023 Mar 18;13(6):1164. doi: 10.3390/diagnostics13061164. PMID: 36980472; PMCID: PMC10046948.

Battaglini D, Ciaravolo E, Caiffa S, Delpiano L, Ball L, Vena A, Giacobbe DR, Bassetti M, Matta B, Pelosi P, Robba C; GECOVID Collaborators; GECOVID collaborators. Systemic and Cerebral Effects of Physiotherapy in Mechanically Ventilated Subjects. *Respir Care*. 2023 Apr;68(4):452-461. doi: 10.4187/respcare.10227. Epub 2023 Feb 21. PMID: 36810363; PMCID: PMC10173117.

Bacigaluppi S, Bragazzi NL, Ivaldi F, Benvenuto F, Uccelli A, Zona G. Systemic Inflammatory Response in Spontaneous Subarachnoid Hemorrhage from Aneurysmal Rupture versus Subarachnoid Hemorrhage of Unknown Origin. *J Inflamm Res*. 2022 Nov 16;15:6329-6342. doi: 10.2147/JIR.S380101. PMID: 36415221; PMCID: PMC9676007.

Ceraudo M, Balestrino A, Cavelli M, Fasce I, Zona G, Fiaschi P. De novo intracranial aneurysm formation in SARS-CoV-2 infection: first report of a yet unknown complication. *Int J Neurosci*. 2023 Dec;133(12):1315-1318. doi: 10.1080/00207454.2022.2079500. Epub 2022 Jun 2. PMID: 35603452.

Picetti E, Barbanera A, Bernucci C, Bertuccio A, Bilotta F, Boccardi EP, Cafiero T, Caricato A, Castioni CA, Cenzato M, Chieragato A, Citerio G, Gritti P, Lanterna L, Menozzi R, Munari M, Panni P, Rossi S, Stocchetti N, Sturiale C, Zoerle T, Zona G, Rasulo F, Robba C. Early management of patients with aneurysmal subarachnoid hemorrhage in a hospital with neurosurgical/neuroendovascular facilities: a consensus and clinical recommendations of the Italian Society of Anesthesia and Intensive Care (SIAARTI)-part 2. *J Anesth Analg Crit Care*. 2022 May 19;2(1):21. doi: 10.1186/s44158-022-00049-4. PMID: 37386571; PMCID: PMC10245506.

Battaglini D, Ball L, Robba C, Maiani S, Brunetti I, Benedetti L, Castellan L, Zona G, Pesce G, Rocco PRM, Pelosi P. Patients With Suspected Severe Adverse Reactions to COVID-19 Vaccination Admitted to Intensive Care Unit: A Case Report. *Front Med (Lausanne)*. 2022 Mar 18;9:823837. doi: 10.3389/fmed.2022.823837. PMID: 35372434; PMCID: PMC8972056.

Picetti E, Barbanera A, Bernucci C, Bertuccio A, Bilotta F, Boccardi EP, Cafiero T, Caricato A, Castioni CA, Cenzato M, Chieragato A, Citerio G, Gritti P, Lanterna L, Menozzi R, Munari M, Panni P, Rossi S, Stocchetti N, Sturiale C, Zoerle T, Zona G, Rasulo F, Robba C. Early management of patients with aneurysmal subarachnoid hemorrhage in a hospital with neurosurgical/neuroendovascular facilities: a consensus and clinical recommendations of the Italian Society of Anesthesia and Intensive Care (SIAARTI)-Part 1. *J Anesth Analg Crit Care*. 2022 Mar 31;2(1):13. doi: 10.1186/s44158-022-00042-x. PMID: 37386557; PMCID: PMC10245531.

Ceraudo M, Balestrino A, Cavelli M, Fasce I, Zona G, Fiaschi P. De novo intracranial aneurysm formation in SARS-CoV-2 infection: first report of a yet unknown complication. *Int J Neurosci*. 2022 Jun 2:1-4. doi: 10.1080/00207454.2022.2079500. Epub ahead of print. PMID: 35603452.

Battaglini D, Ball L, Robba C, Maiani S, Brunetti I, Benedetti L, Castellan L, Zona G, Pesce G, Rocco PRM, Pelosi P. Patients With Suspected Severe Adverse Reactions to COVID-19 Vaccination Admitted to Intensive Care Unit: A Case Report. *Front Med (Lausanne)*. 2022 Mar 18;9:823837. doi: 10.3389/fmed.2022.823837. PMID: 35372434; PMCID: PMC8972056.

Fontanella MM, Zanin L, Panciani P, Belotti F, Doglietto F, Cremonesi A, Migliorati K, Roca E, De Maria L, Franzin A, Vivaldi O, Griva F, Narducci A,

Annex 2

Draghi R, Calbucci F, Borghesi I, Crobeddu E, Cossandi C, Fioravanti A, Arias JA, Scerrati A, De Bonis P, Locatelli D, Agosti E, Veiceschi P, Ceraudo M, Zona G, Gasparotti R, Terzi di Bergamo L, Rigamonti D. Preliminary Validation of FoRCaSco: A New Grading System for Cerebral and Cerebellar Cavernomas. *World Neurosurg.* 2022 Jun;162:e597-e604. doi: 10.1016/j.wneu.2022.03.070. Epub 2022 Mar 18. PMID: 35314403.

De Maria A, Sepulcri C, Tutino S, Briano F, Toscanini F, Fiaschi P, Zona G, Gaggero G, Bassetti M. Mind the gap: IgG4-related disease mimicking infectious cerebral mass lesions. *Eur J Med Res.* 2022 Mar 19;27(1):42. doi: 10.1186/s40001-022-00669-0. PMID: 35305692; PMCID: PMC8933968.

Anania P, Ceraudo M, Prior A, Fiaschi P, Zona G, Rikki-Canevari F, Rossi DC. Ipsilateral Nasoseptal Flap Pedicle for Transpterygoid Approach: Technical Note. *Iran J Otorhinolaryngol.* 2021 Nov;33(119):361-367. doi: 10.22038/IJORL.2021.54687.2866. PMID: 35223653; PMCID: PMC8829787.

Campana C, Nista F, Castelletti L, Caputo M, Lavezzi E, Marzullo P, Ferrero A, Gaggero G, Canevari FR, Rossi DC, Zona G, Lania A, Ferone D, Gatto F. Clinical and radiological presentation of parasellar ectopic pituitary adenomas: case series and systematic review of the literature. *J Endocrinol Invest.* 2022 Aug;45(8):1465-1481. doi: 10.1007/s40618-022-01758-x. Epub 2022 Feb 11. PMID: 35147925.

Barbieri F, Bosio AG, Pattarozzi A, Tonelli M, Bajetto A, Verduci I, Cianci F, Cannavale G, Palloni LMG, Francesconi V, Thellung S, Fiaschi P, Mazzetti S, Schenone S, Balboni B, Girotto S, Malatesta P, Daga A, Zona G, Mazzanti M, Florio T. Chloride intracellular channel 1 activity is not required for glioblastoma development but its inhibition dictates glioma stem cell responsivity to novel biguanide derivatives. *J Exp Clin Cancer Res.* 2022 Feb 8;41(1):53. doi: 10.1186/s13046-021-02213-0. PMID: 35135603; PMCID: PMC8822754.

Robba C, Ball L, Battaglini D, Iannuzzi F, Brunetti I, Fiaschi P, Zona G, Taccone FS, Messina A, Mongodi S, Pelosi P. Effects of positive end-expiratory pressure on lung ultrasound patterns and their correlation with intracranial pressure in mechanically ventilated brain injured patients. *Crit Care.* 2022 Jan 28;26(1):31. doi: 10.1186/s13054-022-03903-7. PMID: 35090525; PMCID: PMC8796179.

Robba C, Cardim D, Ball L, Battaglini D, Dabrowski W, Bassetti M, Giacobbe DR, Czosnyka M, Badenes R, Pelosi P, Matta B; GeCovid group. The Use of Different Components of Brain Oxygenation for the Assessment of Cerebral Haemodynamics: A Prospective Observational Study on COVID-19 Patients. *Front Neurol.* 2021 Dec 20;12:735469. doi: 10.3389/fneur.2021.735469. PMID: 34987461; PMCID: PMC8722102.

Bianconi A, Prior A, Zona G, Fiaschi P. Anticoagulant therapy in high grade gliomas: a systematic review on state of the art and future perspectives. *J Neurosurg Sci.* 2021 Nov 11. doi: 10.23736/S0390-5616.21.05536-3. Epub ahead of print. PMID: 34763392.

Cocchiara F, Campana C, Nista F, Corica G, Ceraudo M, Milioto A, Criminelli Rossi D, Zona G, Ferone D, Gatto F. Evaluation of acromegaly treatment direct costs with respect to biochemical control and follow-up length. *Pituitary.* 2022 Apr;25(2):246-257. doi: 10.1007/s11102-021-01193-w. Epub 2021 Nov 10. PMID: 34757473.

Balestrino A, Anania P, Ceraudo M, Truffelli M, Sbaifi PF, Melloni I, Gratarola A, Zona G, Fiaschi P. Spine surgery after the COVID-19 emergency: an algorithm for management of elective surgical cases. *J Prev Med Hyg.* 2021 Jun 5;62(1 Suppl 3):E46-E49. Italian. doi: 10.15167/2421-4248/jpmh2021.62.1S3.1913. PMID: 34622083; PMCID: PMC8452282.

Ceraudo M, Cavallo LM, Rossi DC, Solari D, Anania P, Canevari FR, Prior A,

Annex 2

Cappabianca P, Zona G. Role of Anterior Nasal Packing in Endoscopic Skull Base Surgery: Italian Survey. *World Neurosurg.* 2021 Oct;154:e406-e415. doi: 10.1016/j.wneu.2021.07.031. Epub 2021 Jul 16. PMID: 34280536.

Iaccarino C, Lippa L, Munari M, Castioni CA, Robba C, Caricato A, Pompucci A, Signoretti S, Zona G, Rasulo FA; Traumatic Brain Injury Section of the Italian Society of Neurosurgery (SINch) and the Neuroanesthesia and Neurocritical Care Study Group of the Italian Society of Anesthesia, Analgesia, Resuscitation and Intensive Care (SIAARTI). Management of intracranial hypertension following traumatic brain injury: a best clinical practice adoption proposal for intracranial pressure monitoring and decompressive craniectomy. Joint statements by the Traumatic Brain Injury Section of the Italian Society of Neurosurgery (SINch) and the Neuroanesthesia and Neurocritical Care Study Group of the Italian Society of Anesthesia, Analgesia, Resuscitation and Intensive Care (SIAARTI). *J Neurosurg Sci.* 2021 Jun;65(3):219-238. doi: 10.23736/S0390-5616.21.05383-2. PMID: 34184860.

Baldassarre B, Balestrino A, D'Andrea A, Anania P, Ceraudo M, Truffelli M, Melloni I, Mavilio N, Castellan L, Zona G, Fiaschi P. Management of spinal aneurysms associated with arteriovenous malformations: systematic literature review and illustrative case. *Eur Spine J.* 2021 Oct;30(10):2767-2774. doi: 10.1007/s00586-021-06881-6. Epub 2021 May 27. PMID: 34043050.

Nista F, Corica G, Castelletti L, Khorrami K, Campana C, Cocchiara F, Zoppoli G, Prior A, Rossi DC, Zona G, Ferone D, Gatto F. Clinical and Radiological Predictors of Biochemical Response to First-Line Treatment With Somatostatin Receptor Ligands in Acromegaly: A Real-Life Perspective. *Front Endocrinol (Lausanne).* 2021 May 7;12:677919. doi: 10.3389/fendo.2021.677919. PMID: 34025586; PMCID: PMC8139627.

Amarù J, Barbieri F, Arvigo M, Solari A, Bajetto A, Nista F, Campana C, Gaggero G, Prior A, Criminelli Rossi D, Zona G, Ferone D, Florio T, Gatto F. Octreotide and Pasireotide Combination Treatment in Somatotroph Tumor Cells: Predominant Role of SST₂ in Mediating Ligand Effects. *Cancers (Basel).* 2021 Apr 10;13(8):1816. doi: 10.3390/cancers13081816. PMID: 33920241; PMCID: PMC8069349.

Anania P, Mirapeix-Lucas R, Zona G, Prior A, Cortes CA, Muñoz Hernandez F. Middle Cranial Fossa Approach: Anatomical Study on Skull Base Triangles as a Landmark for a Safe Anterior Petrosectomy. *J Neurol Surg B Skull Base.* 2021 Apr;82(2):202-207. doi: 10.1055/s-0039-1696957. Epub 2019 Sep 12. PMID: 33777635; PMCID: PMC7987394.

19: Balestrino A, Gondar R, Jannelli G, Zona G, Tessitore E. Surgical challenges in posterior cervicothoracic junction instrumentation. *Neurosurg Rev.* 2021 Dec;44(6):3447-3458. doi: 10.1007/s10143-021-01520-6. Epub 2021 Mar 22. PMID: 33754193.

20: Robba C, Ball L, Battaglini D, Cardim D, Moncalvo E, Brunetti I, Bassetti M, Giacobbe DR, Vena A, Patroniti N, Rocco PRM, Matta BF, Pelosi P; collaborators. Early effects of ventilatory rescue therapies on systemic and cerebral oxygenation in mechanically ventilated COVID-19 patients with acute respiratory distress syndrome: a prospective observational study. *Crit Care.* 2021 Mar 19;25(1):111. doi: 10.1186/s13054-021-03537-1. PMID: 33741052; PMCID: PMC7978164.

21: Prior A, Fiaschi P, Iaccarino C, Stefini R, Battaglini D, Balestrino A, Anania P, Prior E, Zona G. How do you manage ANTICOagulant therapy in neurosurgery? The ANTICO survey of the Italian Society of Neurosurgery (SINCH). *BMC Neurol.* 2021 Mar 3;21(1):98. doi: 10.1186/s12883-021-02126-7. PMID: 33658003; PMCID: PMC7927258.

22: Lofrese G, Scerrati A, Balsano M, Bassani R, Cappuccio M, Cavallo MA, Cofano

Annex 2

F, Cultrera F, De Iure F, Biase FD, Donati R, Garbossa D, Menegatti M, Olivi A, Palandri G, Raco A, Ricciardi L, Spina G, Tosatto L, Visani J, Visocchi M, Zona G, De Bonis P. Surgical Treatment of Diffuse Idiopathic Skeletal Hyperostosis (DISH) Involving the Cervical Spine: Technical Nuances and Outcome of a Multicenter Experience. *Global Spine J.* 2021 Feb 16;2192568220988272. doi: 10.1177/2192568220988272. Epub ahead of print. PMID: 33590802.

De Bonis P, Cavallo MA, Sturiale CL, Martellucci C, Flacco ME, Dughiero M, Auricchio AM, Ricciardi L, Raco A, Bortolotti C, Tosatto L, D'Andrea M, Ruggiero M, Mongardi L, ZONA G, Fiaschi P, Cofano F, Garbossa D, Scerrati A. Incidence of hemorrhagic cerebrovascular disease due to vascular malformations during the COVID-19 national quarantine in Italy. *Clin Neurol Neurosurg.* 2021 Jan 19;202:106503. doi: 10.1016/j.clineuro.2021.106503. Epub ahead of print. PMID: 33493878.

Balestrino A, Robba C, Ceraudo M, Anania P, Melloni I, Negrini S, Pelosi P, ZONA G, Fiaschi P. Turning tables: a war-like approach to neurosurgical emergencies in the Covid-19. *J Neurosurg Sci.* 2021 Jan 22. doi: 10.23736/S0390-5616.21.05226-7. Epub ahead of print. PMID: 33491351.

Bacigaluppi S, Ivaldi F, Bragazzi NL, Benvenuto F, Gallo F, D'Andrea A, Severi P, Uccelli A, ZONA G. An Early Increase of Blood Leukocyte Subsets in Aneurysmal Subarachnoid Hemorrhage Is Predictive of Vasospasm. *Front Neurol.* 2020 Dec 21;11:587039. doi: 10.3389/fneur.2020.587039. PMID: 33408685; PMCID: PMC7779675.

Iaccarino C, Kolias A, Adelson PD, Rubiano AM, Viaroli E, Buki A, Cinalli G, Fountas K, Khan T, Signoretti S, Waran V, Adeleye AO, Amorim R, Bertuccio A, Cama A, Chesnut RM, De Bonis P, Estraneo A, Figaji A, Florian SI, Formisano R, Frassanito P, Gatos C, Germanò A, Giussani C, Hossain I, Kasprzak P, La Porta F, Lindner D, Maas AIR, Paiva W, Palma P, Park KB, Peretta P, Pompucci A, Posti J, Sengupta SK, Sinha A, Sinha V, Stefini R, Talamonti G, Tasiou A, ZONA G, Zucchelli M, Hutchinson PJ, Servadei F. Consensus statement from the international consensus meeting on post-traumatic cranioplasty. *Acta Neurochir (Wien).* 2021 Feb;163(2):423-440. doi: 10.1007/s00701-020-04663-5. Epub 2020 Dec 22. PMID: 33354733; PMCID: PMC7815592.

Battaglini D, Anania P, Rocco PRM, Brunetti I, Prior A, ZONA G, Pelosi P, Fiaschi P. Escalate and De-Escalate Therapies for Intracranial Pressure Control in Traumatic Brain Injury. *Front Neurol.* 2020 Nov 24;11:564751. doi: 10.3389/fneur.2020.564751. PMID: 33324317; PMCID: PMC7724991.

Campana C, Cocchiara F, Corica G, Nista F, Arvigo M, Amarù J, Rossi DC, ZONA G, Ferone D, Gatto F. Discordant GH and IGF-1 results in treated acromegaly: impact of GH cut-offs and mean values assessment. *J Clin Endocrinol Metab.* 2020 Nov 25;dgaa859. doi: 10.1210/clinem/dgaa859. Epub ahead of print. PMID: 33236108.

Anania P, Battaglini D, Miller JP, Balestrino A, Prior A, D'Andrea A, Badaloni F, Pelosi P, Robba C, ZONA G, Fiaschi P. Escalation therapy in severe traumatic brain injury: how long is intracranial pressure monitoring necessary? *Neurosurg Rev.* 2020 Nov 19:1-9. doi: 10.1007/s10143-020-01438-5. Epub ahead of print. PMID: 33215367; PMCID: PMC7676754.

Aruta G, Ceraudo M, Truffelli M, Criminelli Rossi D, ZONA G, Anania P. Oligodendroglioma with ganglioglioma like differentiation: management and prognostic implications. Is a WHO classification update required? *J Neurosurg Sci.* 2020 Dec;64(6):581-583. doi: 10.23736/S0390-5616.19.04798-2. Epub 2020 Sep 18. PMID: 32951414.

Battaglini D, Brunetti I, Anania P, Fiaschi P, ZONA G, Ball L, Giacobbe DR, Vena A, Bassetti M, Patroniti N, Schenone A, Pelosi P, Rocco PRM, Robba C. Neurological Manifestations of Severe SARS-CoV-2 Infection: Potential Mechanisms

Annex 2

and Implications of Individualized Mechanical Ventilation Settings. *Front Neurol.* 2020 Aug 12;11:845. doi: 10.3389/fneur.2020.00845. PMID: 32903391; PMCID: PMC7434832.

Ceraudo M, Prior A, Balestrino A, Anania P, Camera M, Fiaschi P, Gatto F, Riccardi N, ZONA G, Criminelli Rossi D. Ultra-short antibiotic prophylaxis guided by preoperative microbiological nasal swabs in endoscopic endonasal skull base surgery. *Acta Neurochir (Wien).* 2021 Feb;163(2):369-382. doi: 10.1007/s00701-020-04560-x. Epub 2020 Sep 8. PMID: 32901395.

Cavallo LM, Mazzatenta D, d'Avella E, Catapano D, Fontanella MM, Locatelli D, Luglietto D, Milani D, Solari D, Vindigni M, Zenga F, ZONA G, Cappabianca P. The management of clival chordomas: an Italian multicentric study. *J Neurosurg.* 2020 Sep 4:1-10. doi: 10.3171/2020.5.JNS20925. Epub ahead of print. PMID: 32886913.

Anania P, Battaglini D, Balestrino A, D'Andrea A, Prior A, Ceraudo M, Criminelli Rossi D, ZONA G, Fiaschi P. The role of external ventricular drainage for the management of posterior cranial fossa tumours: a systematic review. *Neurosurg Rev.* 2020 Jun 3. doi: 10.1007/s10143-020-01325-z. Epub ahead of print. PMID: 32494987.

Corica G, Ceraudo M, Campana C, Nista F, Cocchiara F, Boschetti M, ZONA G, Criminelli D, Ferone D, Gatto F. Octreotide-Resistant Acromegaly: Challenges and Solutions. *Ther Clin Risk Manag.* 2020 May 5;16:379-391. doi: 10.2147/TCRM.S183360. PMID: 32440136; PMCID: PMC7211320.

Balestrino A, Fiaschi P, Melloni I, Riccardi N, Prior A, ZONA G. In Reply: The Coronavirus Disease 2019 Global Pandemic: A Neurosurgical Treatment Algorithm. *Neurosurgery.* 2020 Aug 1;87(2):E214-E215. doi: 10.1093/neuros/nyaa177. PMID: 32379322; PMCID: PMC7239132.

Simonassi F, Ball L, Badenes R, Millone M, Citerio G, ZONA G, Pelosi P, Robba C. Hemodynamic Monitoring in Patients With Subarachnoid Hemorrhage: A Systematic Review and Meta-Analysis. *J Neurosurg Anesthesiol.* 2020 Jan 31. doi: 10.1097/ANA.0000000000000679. Epub ahead of print. PMID: 32011413.

Fiaschi P, Iaccarino C, Stefini R, Prior E, Prior A, ZONA G. Clinical practice for antiplatelet and anticoagulant therapy in neurosurgery: data from an Italian survey and summary of current recommendations - part I, antiplatelet therapy. *Neurosurg Rev.* 2021 Feb;44(1):485-493. doi: 10.1007/s10143-019-01229-7. Epub 2020 Jan 17. PMID: 31953783.

Anania P, Mirapeix Lucas R, Todaro G, ZONA G, Asencio Cortes C, Muñoz Hernandez F. Anatomical meningo-orbital band evaluation and clinical implications: a cadaveric dissection study. *J Neurosurg Sci.* 2019 Nov 13. doi: 10.23736/S0390-5616.19.04794-5. Epub ahead of print. PMID: 31738027.

Ceraudo M, Anania P, Prior A, Criminelli D, ZONA G. Modified endoscopic diving technique without the traditional irrigation system in endoscopic cranial base surgery: Technical Note. *World Neurosurg.* 2019 Apr 4. pii: S1878-8750(19)30957-X. doi: 10.1016/j.wneu.2019.03.276. [Epub ahead of print] PubMed PMID: 30954749.

Barbieri F, Verduci I, Carlini V, ZONA G, Pagano A, Mazzanti M, Florio T. Repurposed Biguanide Drugs in Glioblastoma Exert Antiproliferative Effects via the Inhibition of Intracellular Chloride Channel 1 Activity. *Front Oncol.* 2019 Mar 13;9:135. doi: 10.3389/fonc.2019.00135. eCollection 2019. Review. PubMed PMID: 30918838; PubMed Central PMCID: PMC6424887.

Frosina G, Ravetti JL, Corvò R, Fella M, Garrè ML, Levrero F, Marcello D,

Annex 2

Marubbi D, Morana G, Mussap M, Neumaier CE, Profumo A, Raso A, Rosa F, Vagge S, Vecchio D, Verrico A, ZONA G, Daga A. Author Correction: Faithful animal modelling of human glioma by using primary initiating cells and its implications for radiosensitization therapy. *Sci Rep.* 2019 Feb 28;9(1):3588. doi: 10.1038/s41598-018-37928-2. PubMed PMID: 30814577; PubMed Central PMCID: PMC6393551.

Solari D, Zenga F, Angileri FF, Barbanera A, Berlucchi S, Bernucci C, Carapella C, Catapano D, Catapano G, Cavallo LM, D'Arrigo C, de Angelis M, Denaro L, Desogus N, Ferroli P, Fontanella MM, Galzio RJ, Gianfreda CD, Iacoangeli M, Lauretti L, Locatelli D, Locatelli M, Luglietto D, Mazzatenta D, Menniti A, Milani D, Nasi MT, Romano A, Ruggeri GA, Saladino A, Santonocito O, Schwarz A, Skrap M, Stefini R, Volpin L, Wembagher GC, Zoia C, ZONA G, Cappabianca P. A Survey on Pituitary Surgery In Italy. *World Neurosurg.* 2018 Nov 27. pii: S1878-8750(18)32745-1.

Fiaschi P, Prior A, Sbaffi PF, Bizzi F, D'Andrea A, Cagetti B, Badaloni F, Allegretti L, Mavilio N, Padolecchia R, Valsania V, ZONA G. Spinal Dural Arteriovenous Fistulas: Clinical Results and Quality of Life Assessment with Surgical Treatment as a Crucial Therapy. The Joint Experience of Two Centers. *World Neurosurg.* 2018 Oct 17. pii: S1878-8750(18)32312-X.

Frosina G, Ravetti JL, Corvò R, Fella M, Garrè ML, Levvero F, Marcello D, Marubbi D, Morana G, Mussap M, Neumaier CE, Profumo A, Raso A, Rosa F, Vagge S, Vecchio D, Verrico A, ZONA G, Daga A. Faithful animal modelling of human glioma by using primary initiating cells and its implications for radiosensitization therapy [ARRIVE 1]. *Sci Rep.* 2018 Sep 21;8(1):14191.

Fiaschi P, Prior A, Ceraudo M, ZONA G, Criminelli Rossi D. Use of 4K resolution in endoscopic endonasal neurosurgery: our experience. *J Neurosurg Sci.* 2018 Mar 26.

Balestrino A, Fiaschi P, Prior A, Criminelli Rossi D, ZONA G. Recurrent meningitis after cysto-sphenoidostomy surgery for craniopharyngioma healed with removal of the implanted catheter. *J Neurosurg Sci.* 2018 Feb 23.

Prior A, Allegretti L, Melloni I, Bovio M, Laganà F, Ceraudo M, ZONA G. Traumatic subarachnoid hemorrhage related to ophthalmic artery avulsion: a case report. *Acta Neurochir (Wien).* 2018 May;160(5):913-917.

Anania P, Fiaschi P, Merciadri P, Piol N, Ravetti JL, ZONA G, Sbaffi PF. Case of Spinal Osteoblastoma in Elderly: Is It Really a Young Patient's Disease? *World Neurosurg.* 2018 Apr;112:243-246.



Annex 2

According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016, I hereby express my consent to process and use my data provided in this CV.

Date

Signature