

## Curriculum Vitae



### Personal information

**First name(s) / Surname(s)** **Gianluigi Zona**  
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**Nationality** Italian and Swiss  
**Date of birth** August 24<sup>th</sup>, 1968  
**Gender** Male

### Occupational field **Neurosurgery**

**Summary** Brain tumors, pituitary tumors, cerebrovascular diseases (aneurysms, cavernomas and AVMs)

### Current positions

<b>Dates</b>	2012 to date - Chairman, Dept. of Neurosurgery, IRCCS Ospedale Policlinico San Martino, Genoa, Italy 2019 to date - Full Professor of Neurosurgery, DiNOGMI, University of Genoa, Italy 2021 to date – Director, Dept. of Neuroscience, IRCCS Ospedale Policlinico San Martino - Genoa, Italy 2023 to date – Director, Neurosurgical Residency Program, University of Genoa, Italy
<b>Occupation or position held</b>	1998-2000 – Attending Neurosurgeon – Niguarda Hospital – Milan (Italy) 2000-2012 – Attending Neurosurgeon – Dept. of Neurosurgery – San Martino University Hospital – Genoa (Italy) 2014-2019 – Associate Professor of Neurosurgery – DiNOGMI – University of Genoa (Italy)
<b>Main activities and responsibilities</b>	Clinical and traslational research, Students and Fellows education and surgical training, Clinical coordination of all Neuroscience Units of the IRCCS.
<b>Name and address of employer</b>	University of Genoa

### Education and training



## Annex 2

Dates	1988-1989 – Student volunteer and guest researcher - Laboratory of Tumor Immunology and Biology – NIH – Bethesda (USA) 1990-1992 – Medical Student – Erasme University – Brussels (Belgium) 1992 – Medical Degree – University “Federico II” – Naples 1997 – Postgraduate Degree in Neurosurgery – University “Federico II” -Naples 1996-1998 – Chef de Clinique adjoint – Service de Neurochirurgie - Hôpitaux Universitaires de Genève – (Switzerland) 2004 – PhD in Biomedical Technologies – University Bicocca – Milan (Italy) 2006 – Honorary Surgeon – Dept. of Neurosurgery – Queen’s Square Hospital – UCL – London (UK) 2007 – Visiting Professor – Dept. of Neurosurgery – Central University Hospital – Helsinki (Finland).
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## Selected publications

### Book Chapters

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

### Original articles (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, Koliass 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.

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, Cenozato M, Chierigato 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.

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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, Giroto 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.

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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.

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## Annex 2

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## **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