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| European  curriculum vitae  format  11 |



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| Personal information |

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| Surname  Name |  | **Zanier**  **Elisa R** |
| Address |  | Via L Canonica 59  20154, Milan, Italy |
| Telephone |  | +39-02-39014204 (Off.) |
| Fax |  | +39-02-39001916 |
| E-mail |  | elisa.zanier@marionegri.it |

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| Nationality |  | Italian and Swiss |

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| Date of birth |  | 02/11/1974 |

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| Work experience |
| **•** Dates (from – to) |  | 2012-present |
| **•** Name and address of employer |  | Dept. Neuroscience  Mario Negri Institute for Pharmacological Research  Via G. La Masa 19, 20156 Milano, Italy |
| **•** Type of business or sector |  | Biomedical research |
| **•** Occupation or position held |  | Head of the Unit of Cell Therapy and Acute Brain Injury |
| **•** Main activities and responsibilities |  | Coordination of research group, teaching |
| **•** Dates (from – to) |  | 2012-present |
| **•** Name and address of employer |  | Dept. Neuroscience  Mario Negri Institute for Pharmacological Research  Via G. La Masa 19, 20156 Milano, Italy |
| **•** Type of business or sector |  | Biomedical research |
| **•** Occupation or position held |  | Director of studies and examiner of Ph.D. program, Open University and of Italian Doctoral degree |
| **•** Main activities and responsibilities |  | Undergraduate and graduate students supervision and assessment |

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| **•** Dates (from – to) |  | 2007-present |
| **•** Type of business or sector |  | University of Milano |
| **•** Occupation or position held |  | Teaching assignment into postgraduate school of Critical Care Medicine and Anesthesiology |
| **•** Main activities and responsibilities |  | Teaching, supervision and assessment of fellows in Anesthesia and Critical Care Medicine |

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| **•** Dates (from – to) |  | 2007-2012 |
| **•** Name and address of employer |  | Dept. Neuroscience  Mario Negri Institute for Pharmacological Research  Via G. La Masa 19, 20156 Milano, Italy |
| **•** Type of business or sector |  | Biomedical research |
| **•** Occupation or position held |  | Senior scientist |
| **•** Main activities and responsibilities |  | Experimental planning and discussion field of research traumatic brain injury, teaching |

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| **•** Dates (from – to) |  | 2002-2007 |
| **•** Name and address of employer |  | Critical Care Medicine and Anaesthesiology Department of Neuroscience Ospedale Maggiore Policlinico, Via F. Sforza, Milano, Italy |
| **•** Type of business or sector |  | IRCCS University Hospital, Milano |
| **•** Occupation or position held |  | Assistant physician (permanent position) |
| **•** Main activities and responsibilities |  | Neurointensivist |

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| Education and training |

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| • Dates (from – to) |  | 2001-2002 |
| • Name and type of organization providing education and training |  | University of California Los Angeles (UCLA), Neurotrauma Laboratory-Neurosurgery division |
| • Principal subjects/occupational  skills covered |  | Neurobiological sciences, metabolic studies, traumatic brain injury models |
| • Title of qualification awarded |  |  |
| • Level in national classification  (if appropriate) |  | Post-doctoral fellowship |
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| • Dates (from – to) |  | 1998-2001 |
| • Name and type of organization providing education and training |  | University of Milan, Italy |
| • Principal subjects/occupational  skills covered |  | Residency in Anesthesia and Critical Care Medicine |
| • Title of qualification awarded |  | Specialist in Anesthesia and Critical Care Medicine, (score: 70/70) |
| • Level in national classification  (if appropriate) |  |  |

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| • Dates (from – to) |  | 1992-1998 |
| • Name and type of organization providing education and training |  | University of Milano, Italy |
| • Principal subjects/occupational  skills covered |  | School of Medicine |
| • Title of qualification awarded |  | Medical Doctor, (score: 110/110) |
| • Level in national classification  (if appropriate) |  |  |
| • Dates (from – to) |  | 1988-1992 |
| • Name and type of organization providing education and training |  | International High School Montana  Zugerberg, Zug, Swiss |
| • Principal subjects/occupational  skills covered |  | Sciences |
| • Title of qualification awarded |  | High school degree |
| • Level in national classification  (if appropriate) |  | Scientific diploma |

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| Personal skills  and competences  Acquired in the course of life and career but not necessarily covered by formal certificates and diplomas. |  | **Scientific activity**  Author of 54 papers on international peer reviewed scientific journals  (see list of publication below)  Official H-index = 20.    Awards and Honors  2014, Rita Levi-Montalcini Award, ESICM; Barcellona  2013, National Scientific Qualification to the grade of Associate Professor in Anesthesia and Critical Care Medicine, Italian Ministry of Instruction, University and Research (MIUR) - (06/D6).  2013, Round Table conference on “Neuroprotection: clinical aspects”, Brussels, March 16-18  2010, Young Investigator Award, Italian Ministry of Health, Italy  2001, Young Investigator Award, International Neurotrauma Society; Australia    Editorial activity  Since 2013: Editor of Intensive Care Medicine Experimental  Reviewer activity  For scientific journals: Intensive care medicine, Critical Care Medicine, Stroke, Neurology, Intensive Care Medicine, Experimental Neurology, Cell Transplantation, Clinical Science, Journal of Cerebral Blood Flow and Metabolism, Neuropharmacology, PlosOne, Neuroscience |

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| Mother tongue |  | Italian |

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| Other languages |

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|  |  | English / German |
| **•** Reading skills |  | Excellent / Excellent |
| **•** Writing skills |  | Good / Good |
| **•** Verbal skills |  | Good / Good |

Peer reviewed articles

1. [Rossi S, Sto](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=11229709&dopt=Abstract)[cchetti N, Longhi L, Balestreri M, Spagnoli D, Zanier ER, Bellinzona G](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=11229709&dopt=Abstract). Brain oxygen tension, oxygen supply, and oxygen consumption during arterial hyperoxia in a model of progressive cerebral ischemia. **Journal of Neurotrauma** 18: 163-174, 2001.
2. Rossi S, Zanier ER, Mauri I, Colombo A, Stocchetti N. Brain temperature, body core temperature, and intracranial pressure in acute cerebral damage. **J Neurol Neurosurg Psychiatry** 71: 448-454, 2001.
3. Rossi S, Colombo A, Magnoni S, Zanier ER, Conte V, Stocchetti N. Cerebral veno-arterial pCO2 difference as an estimator of uncompensated cerebral hypoperfusion. **Acta Neurochirurgica** 81 [Suppl]: 201-204, 2002.
4. Stocchetti N, Rossi S, Zanier ER, Colombo A, Beretta L, Citerio G. Pyrexia in head-injured patients admitted to intensive care. **Intensive Care Medicine** 28: 1555-1562, 2002.
5. Zanier ER, Lee S, Vespa P, Giza C, Hovda D. Increased hippocampal CA3 vulnerability to low-level kainic acid following lateral fluid percussion injury. **J Neurotrauma** 20: 409-420, 2003.
6. Longhi L, Zanier ER, Valeriani V, Ghisoni L, Besozzi C, Ferrari C, Stocchetti N. Brain vulnerability and its modulation. **Minerva Anestesiol**. 69: 227-31, 2003.
7. Ip EY, Zanier ER, Moore AH, Lee SM, Hovda DA. Metabolic, Neurochemical, and Histologic Responses to Vibrissa Motor Cortex Stimulation After Traumatic Brain Injury. **J Cereb Blood Flow Metab**. 23(8): 900-910, 2003.
8. Stocchetti N, Longhi L, Magnoni S, Zanier ER, Canavesi K. Head injury, subarachnoid hemorrhage and intracranial pressure monitoring in Italy.**Acta Neurochir**. 145 (9): 761-765, 2003.
9. Stocchetti N, Zanier ER, Canavesi K, Magnoni S, Protti A, Longhi L. Cerebral oxygen consumption and ischemia in traumatic brain injury. **Minerva Anestesiol**. 70: 207-11, 2004.
10. [Stocchetti N, Canavesi K, Magnoni S, Valeriani V, Conte V, Rossi S, Longhi L, Zanier ER, Colombo A.](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=pubmed&dopt=Abstract&list_uids=15281535) Arterio-jugular difference of oxygen content and outcome after head injury. **Anesth Analg**. 99(1): 230-4, 2004.
11. Stocchetti N, Protti A, Lattuada M, Magnoni S, Longhi L, Ghisoni L, Egidi M, Zanier ER. Impact of pyrexia on neurochemistry and cerebral oxygenation after acute brain injury. **J Neurol Neurosurg Psychiatry** 76 (8): 1135-1139, 2005.
12. Stocchetti N, Zanier ER, Nicolini R, Faegersten E, Canavesi K, Conte V, and Gattinoni L. Oxygen and Carbon Dioxide in the Cerebral Circulation during Progression to Brain Death. **Anesthesiology** 103 (5): 957-961, 2005.
13. Longhi L, Zanier ER, Royo N, Stocchetti N, McIntosh TK. Stem cell transplantation as a therapeutic strategy for traumatic brain injury. **Transplant Immunology** 15, 143–148, 2005.
14. [Zanier ER, Rossi S, Conte V, Colombo A, Nicolini R, Caironi P, Stocchetti N, Gattinoni L.](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=pubmed&dopt=Abstract&list_uids=16682928&query_hl=4&itool=pubmed_docsum) The ratio between arterio-venous PCO2 difference and arterio-jugular oxygen difference as estimator of critical cerebral hypoperfusion. **Minerva Anestesiol**. 72(6): 543-9, 2006.
15. Magnoni S, Zanier ER, and Stocchetti N. Comment on "Levels of vancomycin in the cerebral interstitial fluid after severe head injury" by Caricato et al. **Intensive Care Med**, 32(7): 1096, 2006.
16. Zanier ER, Ortolano F, Ghisoni L, Losappio S, Colombo A, Stocchetti N. Intracranial pressure monitoring in intensive care: clinical advantages of a computerized system over manual recording. **Crit Care** 11(1): R7, 2007.
17. Stocchetti N, Colombo A, Ortolano F, Videtta W, Marchesi R, Longhi L, Zanier ER. Time course of intracranial hypertension after traumatic brain injury**. J Neurotrauma**. 24(8): 1339-46, 2007.
18. Longhi L, Pagan F, Valeriani V, Magnoni S, Zanier ER, Conte V, Branca V, Stocchetti N. Monitoring brain tissue oxygen tension in brain-injured patients reveals hypoxic episodes in normal-appearing and in peri-focal tissue. **Intensive Care Med**. 33(12): 2136-42, 2007.
19. Stocchetti N, Zanaboni C, Colombo A, Citerio G, Beretta L, Ghisoni L, Zanier ER, Canavesi K. Refractory intracranial hypertension and "second-tier" therapies in traumatic brain injury. **Intensive Care Med**. 34(3):461-7, 2008.
20. Stocchetti N, Longhi L, Zanier ER. Intracranial pressure monitoring for traumatic brain injury: available evidence and clinical implications. **Minerva Anestesiol**. 74(5):197-203, 2008. Review.
21. Stocchetti N, Zanier ER, Magnoni S, Canavesi K, Ghisoni L, Longhi L. Hypothermia for brain protection in the non-cardiac arrest patient. **Minerva Anestesiol**. 74(6):315-8, 2008. Review.
22. ZanierER,LonghiL, FioriniM, Cracco L, BersanoA, ZoerleT, BrancaV, MonacoS, StocchettiN. Increased levels of CSF heart-type fatty acid-binding protein and tau protein after aneurismal subarachnoid hemorrhage. **Acta Neurochir**. Acta Neurochir Suppl. 102:339-43, 2008.
23. LonghiL, PeregoC, ZanierER, OrtolanoF, BianchiP, StocchettiN, De SimoniMG. Neuroprotective effect of C1-Inhibitor following traumatic brain injury in mice. Acta Neurochir. **Acta Neurochir Suppl**. 102:381-4, 2008.
24. LonghiL, OrtolanoF, ZanierER, PeregoC, StocchettiN, De SimoniMG. Effect of traumatic brain injury on cognitive function in mice lacking p55 and p75 tumor necrosis factor receptors. Acta Neurochir. **Acta Neurochir Suppl**. 102:409-13, 2008.
25. Longhi L, Perego C, Ortolano F, Zanier ER, Bianchi P, Stocchetti N, McIntosh TK, De Simoni MG. C1-inhibitor attenuates neurobehavioral deficits and reduces contusion volume after controlled cortical impact brain injury in mice. **Crit Care Med**. 37(2):659-65, 2009.
26. Gesuete R, Storini C, Fantin A, Stravalaci M, Zanier ER, Orsini F, Vietsch H, Mannesse MLM, Ziere B, Gobbi M and De Simoni MG “Recombinant C1-inhibitor in Brain Ischemic Injury” **Annals of Neurology**, 66:332-342, 2009.
27. Ortolano F, Colombo A, Zanier ER, Sclip A, Longhi L, Perego C, Stocchetti N, Borsello T, De Simoni MG. [c-Jun N-terminal kinase pathway activation in human and experimental cerebral contusion.](http://www.ncbi.nlm.nih.gov/pubmed/19680147) **J Neuropathol Exp Neurol**. 68(9):964-71, 2009.
28. Zanier ER, Refai D, Zipfel GJ, Zoerle T, Longhi L, Esparza TJ, Spinner ML, Bateman RJ, Brody DL, Stocchetti N. Neurofilament light chain levels in ventricular cerebrospinal fluid following acute aneurysmal subarachnoid hemorrhage. **J Neurol Neurosurg Psychiatry**. 82(2):157-9, 2011.
29. Zanier ER, Brandi G, Peri G, Longhi L, ZoerleT, Tettamanti M, Garlanda C, Sigurtà A, Valaperta S, Mantovani A, De Simoni MG, Stocchetti N. Cerebrospinal fluid pentraxin 3 early after subarachnoid hemorrhage is associated with vasospasm. **Intensive Care Med**. 37(2):302-9, 2011.
30. Gesuete R, Orsini F, Zanier ER, Albani D, Deli MA, Bazzoni G, and De Simoni MG. Glial Cells Drive Preconditioning-Induced Blood-Brain Barrier Protection. **Stroke**, 42: 1445 – 1453, 2011.
31. Zanier ER, Montinaro M, Viganò M, Villa P, Fumagalli S, Pischiutta F, Longhi L, Leoni ML, Rebulla P, Stocchetti N, Lazzari L, De Simoni MG. Human umbilical cord blood mesenchymal stem cells protect mice brain after trauma. **Crit Care Med**. 39(11):2501-2510, 2011.
32. Bersano A, Debette S, Zanier ER, Lanfranconi S, De Simoni MG, Zuffardi O, Micieli G. [The Genetics of Small-Vessel Disease.](http://www.ncbi.nlm.nih.gov/pubmed/22680632) **Curr Med Chem**. 19(24):4124-41, 2011. Review.
33. Orsini F, Villa P, Parrella S, Zangari R, Zanier ER, Gesuete R, Stravalaci M, Fumagalli S, Ottria R, Reina JJ, Paladini A, Micotti E, Ribeiro-Viana R, Rojo J, Pavlov VI, Stahl GL, Bernardi A, Gobbi M, De Simoni MG. Mannose binding lectin, a novel target for stroke. **Circulation**. 18;126(12):1484-94, 2012.
34. Longhi L, Perego C, Ortolano F, Aresi S, Fumagalli S, Zanier ER, Stocchetti N, De Simoni MG. Tumor necrosis factor in traumatic brain injury: effects of genetic deletion of p55 or p75 receptor. **J Cereb Blood Flow Metab.** 33(8):1182-9, 2013.
35. Zanier ER, Zoerle T, Fiorini M, Longhi L, Cracco L, Bersano A, Branca V, Benedetti VB, De Simoni MG, Monaco M and Stocchetti N. Heart-fatty acid-binding and tau proteins relate to brain injury severity and long-term outcome in subarachnoid haemorrhage patients. **Br J Anaesth**. 111(3):424-32, 2013.
36. Zanier ER, Pischiutta F, Villa P, Paladini A, Montinaro M, Micotti E, Orrù A, Cervo L and De Simoni MG. Six month ischemic mice show sensorimotor and cognitive deficits associated with brain atrophy and axonal disorganization. **CNS Neurosci Ther.** 19(9):695-704, 2013.
37. Franke H, Parravicini C, Lecca D, Zanier ER, Heine C, Bremicker K, Fumagalli M, Rosa P, Longhi L, Stocchetti N, De Simoni MG, Weber M, Abbracchio MP. Changes of the GPR17 receptor, a new target for neurorepair, in neurons and glial cells in patients with traumatic brain injury. **Purinergic Signal** 9(3):451-62, 2013.
38. Pischiutta F, D'Amico G, Dander E, Biondi A, Biagi E, Citerio G, De Simoni MG, Zanier ER. Immunosuppression does not affect human bone marrow mesenchymal stromal cell efficacy after transplantation in traumatized mice brain. **Neuropharmacology** 79:119-26, 2014. Zanier ER, Zangari R, Munthe-Fog L, Hein E, Zoerle T, Conte V, Orsini F, Tettamanti M, Stocchetti N, Garred P, and De Simoni MG. Article Ficolin-3–mediated lectin complement pathway activation in patients with subarachnoid hemorrhage. **Neurology** 14;82(2):126-34, 2014.
39. Zanier ER, Pischiutta F, Riganti L, Turola E, Fumagalli S, Perego C, D’amico G, Marchesi F, Parotto M, Biagi E, Abbracchio MP, Verderio C, and De Simoni MG. In vitro and in vivo evidence that mesenchymal stem cells drive protective M2 microglia polarization. **Neurotherapeutics** Jul;11(3):679-95, 2014.
40. Zoerle T, Lombardo A, Colombo A, Longhi L, Zanier ER, Rampini P, Stocchetti N. Intracranial pressure after subarachnoid hemorrhage. **Crit Care Med**. 43(1):168-76, 2015.
41. Orsini F, De Blasio D, Zangari R, Zanier ER, De Simoni MG. [Versatility of the complement system in neuroinflammation, neurodegeneration and brain homeostasis.](http://www.ncbi.nlm.nih.gov/pubmed/25426028) **Front Cell Neurosci**. 7;8:380, 2014.
42. Zoerle T, Lombardo A, Colombo A, Longhi L, Zanier ER, Rampini P, Stocchetti N. Intracranial pressure after subarachnoid hemorrhage. **Crit Care Med**. 43(1):168-76, 2015.
43. Stocchetti N, Magnoni S, Zanier ER. My paper 20 years later: cerebral venous oxygen saturation studied with bilateral samples in the internal jugular veins. **Intensive Care Med**. 41(3):412-7, 2015.
44. Stocchetti N, Taccone FS, Citerio G, Pepe PE, Le Roux PD, Oddo M, Polderman KH, Stevens RD, Barsan W, Maas AI, Meyfroidt G, Bell MJ, Silbergleit R, Vespa PM, Faden AI, Helbok R, Tisherman S, Zanier ER, Valenzuela T, Wendon J, Menon DK, Vincent JL. Neuroprotection in acute brain injury: an up-to-date review. **Crit Care**. 21;19:186, 2015.
45. Zanier ER, Fumagalli S, Perego C, Pischiutta F, De Simoni MG. Shape descriptors of the “never resting” microglia in three different acute brain injury models in mice. **ICMex** 3(1):39, 2015.
46. Stocchetti N, Magnoni S, Zanier ER. My paper 20 years later: cerebral venous oxygen saturation studied with bilateral samples in the internal jugular veins. **Intensive Care Med.** 41(3):412-7, 2015.
47. Fumagalli S, Perego C, Pischiutta F, Zanier ER, De Simoni MG. The ischemic environment drives microglia and macrophage function. **Front Neurol**. 8;6:81, 2015.
48. Zanier ER, Marchesi F, Ortolano F, Perego C, Arabian M, Zoerle T, Sammali E, Pischiutta F, De Simoni MG. Fractalkine Receptor Deficiency Is Associated with Early Protection but Late Worsening of Outcome following Brain Trauma in Mice. **J Neurotrauma**. 2015 Sep 8.
49. Llovera G, Hofmann K, Roth S, Salas-Pérdomo A, Ferrer-Ferrer M, Perego C, Zanier ER, Mamrak U, Rex A, Party H, Agin V, Fauchon C, Orset C, Haelewyn B, De Simoni MG, Dirnagl U, Grittner U, Planas AM, Plesnila N, Vivien D, Liesz A. Results of a preclinical randomized controlled multicenter trial (pRCT): Anti-CD49d treatment for acute brain ischemia. **Sci Transl Med**. 5;7(299):299ra121, 2015.
50. Papa S, Caron I, Erba E, Panini N, De Paola M, Mariani A, Colombo C, Ferrari R, Pozzer D, Zanier ER, Pischiutta F, Lucchetti J, Bassi A, Valentini G, Simonutti G, Rossi F, Moscatelli D, Forloni G, Veglianese P. Early modulation of pro-inflammatory microglia by minocycline loaded nanoparticles confers long lasting protection after spinal cord injury. **Biomaterials.** 75:13-24, 2016.
51. Zangari R\*, Zanier ER\*, Torgano G, Bersano A, Beretta S, Beghi E, Casolla B, Checcarelli N, Lanfranconi S, Maino A, Mandelli C, Micieli G, Orzi F, Picetti E, Silvestrini M, Stocchetti N, Zecca B, Garred P, De Simoni MG; LEPAS group. Early ficolin-1 is a sensitive prognostic marker for functional outcome in ischemic stroke. **J Neuroinflammation**. 20;13(1):16, 2016. \*Authors equal contributions to the work
52. Bigini P\*, Zanier ER\*, Saragozza S, Maciotta S, Romele P, Bonassi Signoroni P, Silini A, Pischiutta F, Sammali E, Balducci C, Violatto MB, Talamini L, Garry D, Moscatelli D, Ferrari R, Salmona M, De Simoni MG, Maggi F,Simoni G, Grati FR, Parolini O. Internalization of nanopolymeric tracers does not alter characteristics of placental cells. **Journal of Cellular and Molecular Medicine** 2016 *in press.* \*Authors equal contributions to the work.
53. Di Deo P, Lingsma H, Nieboer D, Roozenbeek B, Citerio G, Beretta L, Magnoni S, Zanier ER#, Stocchetti N. Clinical results and outcome improvement over time in traumatic brain injury. J Neurotrauma. 2016 Mar 4.

# Corresponding author.

1. Pischiutta F, Brunelli L, Romele P, Silini A, Sammali E, Paracchini L, Marchini S, Talamini L, Bigini P, Boncoraglio G, Pastorelli R, De Simoni MG, Parolini O, Zanier ER. Protection of brain injury by amniotic mesenchymal stromal cell secreted metabolites. **Crit Care Med** 2016 *in press.*

Presentation at meetings as invited speeker

1. Zanier ER: Cerebral perfusion pressure target therapy for traumatic brain injury. 12. International symposium on Intensive care medicine, Bled, Slovenia Satellite Symposium: unconsciousness, Bled 2003 (May 25th, 2003)
2. Zanier ER, Longhi L, Pagan F, Marchesi R, Stocchetti N: Possibilities of neuroprotective treatment following traumatic brain injury. 12. International symposium on Intensive care medicine, Bled, Slovenia Satellite Symposium: unconsciousness, Bled 2003 (May 25th, 2003)
3. Zanier ER: “Cervello e sepsi”. Giornate AAROI 13° edizione; Sepsi severa e shock settico: recenti acquisizioni. Roma Dicember 2003
4. Zanier ER: “Problemi di interpretazione e limiti dei monitoraggi focali”. SMART 2003 Educational Courses: I monitoraggi focali in neurorianimazione, Milano, May 2003
5. Zanier ER: “Iperglicolisi ed ischemia cerebrale caratterizzati in microdialisi”. SMART 2003 Educational Courses: I monitoraggi focali in neurorianimazione, Milano, May 2003
6. Zanier ER: “monitoraggi del futuro”. SMART 2003 Educational Courses: I monitoraggi focali in neurorianimazione, Milano, May 2003
7. Zanier ER: “Uso clinico della microdialisi nel trauma cranico e nella emorragia subaracnoidea: i dati della letteratura e la nostra esperienza”. SMART 2004 Educational Courses; Monitoraggi globali e focali in neurorianimazione, Milano, May 2004
8. Zanier ER: “Iperglicolisi ed ischemia cerebrale caratterizzati in microdialisi”. SMART 2004 Educational Courses: Monitoraggi globali e focali in neurorianimazione, Milano, May 2004
9. Zanier ER: The current situation and future prospects of hypothermia in acute brain diseases. IX jornadas de actualizacion en cuidados criticos y urgencies. Granada, Sierra Nevada 2005 (January 23-27)
10. Zanier ER: Venous arterial CO2 difference in brain ischemia. SMART Summer, La Maddalena (SS), September 2005.
11. Zanier ER: Trattamento intensivo post-operatorio nel paziente neurochirurgico. Corso di aggiornamento. Trattamento intensivo post-operatorio: esperienze a confronto. Foggia September 2005
12. Zanier ER: Controllo della temperatura nel paziente post-anossico. congresso SIARED Napoli Dicember 2005
13. Zanier ER: “Metabolismo cerebrale”. SMART 2006 Educational Courses: Update sul trattamento del trauma cranico e dell’emorragia subaracnoidea, Milano, May 2006
14. Zanier ER: “Terapie di “secondo livello””. SMART 2006 Educational Courses: Update sul trattamento del trauma cranico e dell’emorragia subaracnoidea, Milano, May 2006
15. Zanier ER: Glucose and oxigen for trauma brain. Congresso SMART. Milano, May 2006
16. Zanier ER: “Fever and intracranial hypertension”. Meeting di Neuroanestesia e Neurorianimazione – 6° Corso di aggiornamento, Siena, 25-27 May 2006
17. Zanier ER: “Metabolismo cerebrale”. SMART 2008 Educational Courses: Update sul trattamento del trauma cranico e dell’emorragia subaracnoidea, Milano, May 2008
18. Zanier ER: “Meccanismi di danno nell’emorragia subaracnoidea”. SMART 2008 Educational Courses: Update sul trattamento del trauma cranico e dell’emorragia subaracnoidea, Milano, May 2008
19. Zanier ER: Controversies Session: “Fever control is mandatory in brain-injured patients” Presentation Title: Fever control is mandatory in brain-injured patients: Pro. European Society of Intensive Care Medicine is organising its 24th ESICM LIVES Annual Congress in Berlin, Germany from Saturday 01 until Wednesday 05 October 2011
20. Zanier ER: State of the Art Session: “[Brain damage mechanisms: New paradigms and their implications for future therapy](http://www.abstractserver.com/esicm2011/planner/index.php?go=cp&sessID=44)”. Presentation Title: Stem cell therapies. European Society of Intensive Care Medicine is organising its 24th ESICM LIVES Annual Congress in Berlin, Germany from Saturday 01 until Wednesday 05 October 2011.
21. Zanier ER: "23° SMART Meeting", Translational science in critical care: Cell therapy in acute brain injury, Milano, May 2012
22. Zanier ER: Round Table Conference on “Neuroprotection: clinical aspects”, Endorsed by the European Society of Intensive Care Medicine (ESICM) – and the Society of Critical Care Medicine (SCCM). Presentation Title: Neuroprotection versus reparative strategies. Brussels, March 16-18.
23. Zanier ER: Session Type: My dream therapy. Presentation Title: Stem cells for acute brain injury. 33rd International Symposium on Intensive Care and Emergency Medicine ISICEM Brussel, March 2013.
24. Zanier ER: Session Type: Subarachnoid hemorrhage. Presentation Title: The role of the lectin pathway. 33rd International Symposium on Intensive Care and Emergency Medicine ISICEM Brussel, March 2013.
25. Zanier ER: Neurorestoration after TBI. XVI Annual Meeting, Tuscany Critical Care. May 2013
26. Zanier ER: European Society of Intensive Care Medicine (ESICM) 2014, Barcellona, September 27-October 1, 2014. Intensive care medicine experimental 1 - Stem cells: experimental data & clinical translation
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28. Zanier ER: European Society of Intensive Care Medicine (ESICM) 2015, Berlin, October 4-7, 2015. Intensive care medicine experimental 1 - Clinico-Pathophysiological Insight into Stroke
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