

Europass Curriculum Vitae



Personal information

First name(s) / Surname(s)

Meregalli Cristina

Address(es)

Via San Carlo 4, 20865, Usmate Velate, MB (Italy)

Telephone(s)

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cristina.meregalli@unimib.it

Nationality

Italian

Date of birth

16/04/1984

Gender

Female

Desired employment Occupational field

/ **POST DOC IN NEUROSCIENCE**

Work experience

Dates

2012-now

Occupation or position held

Post-doctoral fellow

Main activities and responsibilities

In vivo studies in Neuroscience. Study of experimental models of diabetic and chemotherapy-induced peripheral neuropathy (CIPN), neuroprotection preclinical models and characterization of xenograft models. Stem cell *in vitro* studies. Creation of experimental paradigms, scientific reports, coordinating, and cooperative roles.

Name and address of employer

Experimental Neurology Unit, School of Medicine and Surgery, University of Milan-Bicocca, Monza, Italy

Dates

2008-2011

Occupation or position held

Three-year Ph.D. program in Neuroscience, Faculty of Medicine and Surgery, University of Milan-Bicocca.

Main activities and responsibilities

Creation of rat and mouse models of neurotoxicity and neuroprotection. Study of molecular mechanisms and histology of peripheral neuropathies. Main focused on molecular effects of bortezomib induced neuropathy in *in vitro* and *vivo* models.

Name and address of employer

University of Milan-Bicocca, Monza, Italy

Education and training

Dates

2008-2011

Title of qualification awarded

PhD in Neuroscience

Principal subjects/occupational skills covered

Thesis title: Characterization of analgesic effect of a new ligand imidazoline receptor I_2 in a model of neuropathic pain induced by bortezomib
Advisor: Professor Guido Cavaletti

Name and type of organisation providing education and training

Faculty of Medicine and Surgery, University of Milan – Bicocca.

Level in national or international classification	Internationally recognized
Dates	2006-2008
Title of qualification awarded	Master of arts Medical Biotechnology
Principal subjects/occupational skills covered	Characterization of neuropathic pain in a peripheral neuropathy model induced by bortezomib. Advisor: Professor Tredici Giovanni. Final Grade: 110 / 110.
Name and type of organisation providing education and training	Faculty of Medicine and Surgery, University of Milan – Bicocca.
Level in national or international classification	Internationally recognized
Dates	2003-2006
Title of qualification awarded	Three year Degree in Sanitary Biotechnology,
Principal subjects/occupational skills covered	"Cellular localization and signalling transduction of Gα15 protein". Advisor: Professor Parenti Marco Final Grade: 105/ 110.
Name and type of organisation providing education and training	Faculty of Medicine and Surgery, University of Milan – Bicocca.
Level in national or international classification	Internationally recognized
Dates	1998-2003
Title of qualification awarded	Maturità Scientifica, Liceo Scientifico Statale "A. Einstein", Vimercate (MB).

Other language(s)

Self-assessment

European level (*)

English

French

Understanding		Speaking		Writing	
Listening	Reading	Spoken interaction	Spoken production		
B2	B2	B1	B1		B2
A1	A1	A1	A1		A1

(*) [Common European Framework of Reference for Languages](#)

Social skills and competences

Good ability to adapt to multicultural environments, gained through my work experience abroad, ability of communication developed by life experience and improved by several meeting/congress participation; motivating others, developing a climate of enthusiasm and cooperation; teamwork skills gained through 9 years volunteering work as emergency ambulance activity.

Organisational skills and competences

Strong sense of leadership (currently responsible for a team of 4 people in voluntary work). Highly organized (family experience especially with a child of 1 years); excellent planning skills and coordination role in designing and performance of experimental protocols; dynamic; ability to prioritize work; coordination of young researchers.

Technical skills and competences

Laboratory practice (developed by 10 years of studies during PhD and post-PhD period at Department of Medicine and Surgery laboratories) In particular: *In vivo techniques* Mouse and rat oral, intra-peritoneal, sub-cutaneous, intra-venous drug administration. Organ explants, blood sampling, tumour xenografts, intra-cardiac perfusion, neurophysiological determinations on sciatic nerve, caudal nerve and digital nerve. Behavioural tests for neuropathic pain determination (Dynamic Aesthesiometer Test, Cold Plate Test, Plantar Algesiometer Test). Neuronal activity measure in spinal cord of animal models, jugular vein cannulation, tracheal catheter. Processing of specimens for light and electron microscopy using standard methods. Dorsal root ganglia and sciatic nerve morphometrical analysis. Immunohistochemistry and immunolabelling techniques. *In vitro cell* cultures of dorsal root ganglia neurons. Measurement of neurite outgrowth. *Others*: Protein, DNA and RNA extraction from cell cultures and whole tissues, SDS-PAGE electrophoresis. Western Blot. Real Time-PCR, ELISA.
Language and communication skills

Computer skills and competences

Good command of Microsoft Office™ tools (Word, PPoint, Excel), knowledge of MATLAB, Graphpad- Prism, Photoshop, Image J acquired through work

Artistic skills and competences	Photography abilities acquired through leisure activities
Other skills and competences	Sport school – horse riding and dancing; Swimming practiced as independent; positions of responsibility in voluntary organizations and trekking in leisure activities; love to travel and experience different cultures.
Driving licence	Italian- type B (car) (since 06/2002)
Contact information	Prof. Guido Cavaletti, guido.cavaletti@unimib.it (University of Milan-Bicocca)

Annexes

➤ **PREVIOUS RESULTS OF COMPETITIVE SELECTIONS AT UNIMIB**

- 2016-2017: 2-year post-doctoral research contract (Assegno di Ricerca di tipo A), 1st placed.
- 2012-2015: repeated two-year post-doctoral research contract, University of Milan - Bicocca (Assegno di Ricerca di tipo B).

➤ **AWARDS AND MEMBERSHIPS**

- 2017: Second place at “Young talents program” (Award 2.000 euro) sponsored by University of Milan-Bicocca and Accademia Nazionale dei Lincei
- 2014: Disease Models & Mechanisms the company of Biologists, Travelling Fellowship (Award 2000 \$)
- 2013: AISAL (Associazione Italiana delle Scienze degli Animali da Laboratorio) 5000-euros grant for a training period in a laboratory abroad.
- 2010: Neupsig Congress Bursary Award, Athens, Greece (Award 2000 \$)
- 2010 “Tebu-Bio travel grant” for the attendance at the AACR 102nd 2011 meeting in Orlando, Florida (US).
- Meeting presenter on chemotherapy-induced painful peripheral neuropathy at more than 50 national and international meetings.
- Invited reviewer for international peer-review journals
- Member of the Italian Association for the Study of Peripheral Neuropathies, American Association of Cancer Research, Italian Association of Laboratory Animal Sciences.

➤ **TRAINING**

Long-term training experiences in foreign laboratories

- 2016: 4-month full time training period in mitochondrial trafficking measure in DRG neurons primary culture from adult mice. University of Michigan, Ann Arbor, USA
- 2014: 3-month full time training period in electrophysiological determination of electrical activity in the rat dorsal horn of spinal cord. Centre on Pain Study, School of Nursing, University of Maryland, Baltimore (MD).

Other training activities

- Training in “Le 3R nella gestione degli stabulari”. Milan, October 27th-28th 2017
- Training in “Innovation, integration and 3Rs in the management of animal facilities”. Napoli, October 23rd-24th 2015
- Training on the treatment of pain in animals. Perugia. May 2013
- Training in “Corso base per ricercatori e personale impegnato nella sperimentazione animale”, Brescia, 2013.
- Training in “Progettare una proposta vincente nel programma Cooperation – VII programma quadro”. Università di Milano-Bicocca, June 1st, 2012
- Workshop “Il risultato della ricerca e la sua brevettabilità”, Monza, February 2012
- Training for new graduates on the use of laboratory animals in biomedical field. Istituto Superiore di Sanità, Rome, July 2011
- Course: New insights in pharmacological control of pain, Milan, September 30th 2011
- EM tomography and 3D reconstruction, Milan, May 2009

➤ **SCIENTIFIC COLLABORATIONS**

International scientific collaborations

- 2014-today: Collaboration on the development of new neuroprotective and analgesic drugs against chemotherapy-induced peripheral neuropathy and pain. Monza (MB), Italy - Xdynia-Cavion Pharma, Charlottesville, USA. (Dr. Ivan Maricich).
- 2013-today: Continuative collaboration on the role of solute carriers in the development of chemotherapy-related neuro and other toxicities. Monza (MB), Italy - Munster University, Germany; (Dr. Giuliano Ciarimboli).
- 2012-today: Continuative collaboration on the effects of neuroprotective compounds against chemotherapy-induced peripheral neuropathy. Monza (MB), Italy - Johns Hopkins University, Baltimore, USA; (Dr. Ahmet Hoke).

- 2012-2015: Collaboration on the project “Effect of HDAC6 inhibitor ACY-1083 on different neuropathological parameters associated with bortezomib-induced peripheral neuropathy”. Monza (MB), Italy - Acetylon Pharmaceuticals, Boston, USA; (Dr. Matthew Jarpe).
- 2009-today: Continuative collaboration for neuropathic pain studies. Monza (MB), Italy - Centre on Pain Study, School of Nursing, University of Maryland, Baltimore (MD), USA; (Dr. Susan Dorsey).

National scientific collaborations

- 2011-today: Continuative collaboration for neuropathic pain biomarkers. Citomorphology laboratory, University of Cagliari, Cagliari, (Dr. Marina Quartu).
- 2009-2013: Continuative collaboration for neurophysiological studies in rats. Istituto di Ricerche Farmacologiche Mario Negri, Milan and Bergamo, (Dr. Figliuzzi).
- 2009-today: Continuative collaboration for neurophysiological studies in rats. Istituto Nazionale Neurologico Carlo Besta, Milan, (Dr. Giuseppe Lauria, Dr. Roberto Bianchi).
- 2009-today: Continuative collaboration for neurophysiological studies in rats. Dipartimento di Endocrinologia, University of Milan, Milan, (Dr. Roberto Melcangi).

➤ ACADEMIC ACTIVITIES

Lessons

- 2017: Teaching activity of Microscopic Anatomy at University Milan Bicocca (course: “School of Medicine and Surgery”, course held in *English language*)
- 2016-2017: Teaching activity in the PhD program activity on the topic “Pathway molecolari e neurotossicità ” for PhD student in Neuroscienze

Tutorship activities

- Student tutor for Three year Degree in Sanitary Biotechnology, Faculty of Science, University of Milan – Bicocca (2015-2016). Final elaborate: “Valutazione della tossicità indotta da bortezomib in neuroni sensitivi primari e cellule di schwann di topi adulti”
- Student tutor for Three year Degree in Sanitary Biotechnology, Faculty of Science, University of Milan – Bicocca (2013-2014). Final elaborate: “Ruolo del TRPA1 nella neuropatia periferica indotta da oxaliplatino e bortezomib e possibili strategie terapeutiche mediante utilizzo del suo antagonista”
- Student tutor for International college of Osteopathic Medicine (Milan) (2013-2014). Final elaborate: “Riscontro dei parametri di disfunzione somatica in pazienti affetti da patologia gastrica cronica”.
- Student tutor for International college of Osteopathic Medicine (Milan) (2013-2014). Final elaborate: “Approccio manipolativo gastrico e riscontro dei parametri di disfunzione somatica (mobilità/algia palpatoria)”.
- Student tutor for International college of Osteopathic Medicine (Milan) (2013-2014). Final elaborate: “introduzione troppo generica sull’hockey, con poco riferimento alla letteratura scientifica circa le tecniche osteopatiche utilizzate”.
- Student tutor Master of Medicine, Faculty of Medicine and Surgery, University of Milan – Bicocca (2011-2012). Final elaborate: “Valutazione dei meccanismi d’azione del bortezomib”
- Student tutor Master of arts Medical Biotechnology, Faculty of Medicine and Surgery, University of Milan – Bicocca (2010-2011). Final elaborate: “In vitro characterization of pathogenic mechanisms of bortezomib-induced peripheral neuropathy”
- Student laboratory tutor, AA 2008-2009

➤ GRANTS

Personal grants

- 2017 (ID 2017-ATESP-0120): Young talents grants: supported by University of Milan Bicocca and Accademia dei Lincei. Topic: “Insights in the mechanisms of bortezomib peripheral neurotoxicity”. Budget: 2000 euros.

Collaborations as local team leader or with significant research time allocated in other funded projects

- 2016-2019: 30% of research time (Principal Investigator Prof. Guido Cavaletti), Project on “Radiation-enhanced metal-based chemotherapy in the treatment of solid tumors” (IG 2016-ID18631) Sponsor AIRC Budget: 240.000
- 2015-2016: 30% of research time (Principal Investigator Prof. Guido Cavaletti), Project on “Effect of OPV-3003 on different parameters associated with oxaliplatin-induced peripheral neurotoxicity”. Sponsor Optivabio, Menlo Park, CA, USA. Budget: 63.200 Euro
- 2015-2016: 30% of research time (Principal Investigator Prof. Guido Cavaletti), Project on “Development of new neuroprotective and analgesics viral vector-based drugs against chemotherapy-induced peripheral neuropathy and pain”. Sponsor Periphagen, Pittsburgh, PA, USA. Budget: 137.200 Euro.
- 2014-2016: Experimental Team leader (Principal Investigator: Dr. Marmioli), Project on “Understanding the pathogenesis of oxaliplatin-induced peripheral neurotoxicity (2013-0842)”. Sponsor Cariplo Foundation. Budget: 401.624 euros.
- 2013-2016: 30% of research time (Principal Investigator: Dr. Marmioli), Project on “Studio preclinico dei meccanismi di neurotossicità dei trattamenti di chemioterapia antitumorale”, Sponsor “Banca del Monte” foundation. Budget 62.700 euros.
- 2013–2015: Experimental team leader (Principal Investigator Prof. Guido Cavaletti), Project on “Effect of CR-4065 un bortezomib-induced peripheral neurotoxicity” (in collaboration with University of Maryland, Baltimore, MD, USA and Universty of Cagliari, Italy.) Sponsor Rottapharm S.p.A, Monza Italy. Budget: 85.600 Euro.

Scientific publications (H-index 11)

1. Marmioli P, Riva B, Pozzi E, Ballarini E, Lim D, Chiorazzi A, **Meregalli C**, Distasi C, Renn CL, Semperboni S, Morosi L, Ruffinatti FA, Zucchetti M, Dorsey SG, Cavaletti G, Genazzani A, Carozzi VA. Susceptibility of different mouse strains to oxaliplatin peripheral neurotoxicity: Phenotypic and genotypic insights. *PLoS One*. 2017 Oct 11;12(10):e0186250. doi: 10.1371/journal.pone.0186250. **IF 2.806**
2. Scuteri, A; Donzelli, E; Rigolio, R; Ballarini, E; Monfrini, M; Crippa, L; Chiorazzi, A; Carozzi, VA; **Meregalli, C**; Canta, A; Oggioni, N; Tredici, G; Cavaletti, G. Therapeutic Administration of Mesenchymal Stem Cells Abrogates the Relapse Phase in Chronic Relapsing-Remitting EAE. *J.stem cell res and ther*, 5(262) **IF 4.706**
3. Annalisa Canta, Alessia Chiorazzi, Valentina Alda Carozzi, **Cristina Meregalli**, Norberto Oggioni, Mario Bossi, Virginia Rodriguez-Menendez, Federica Avezza, Luca Crippa, Raffaella Lombardi, Giuseppe de Vito, Vincenzo Piazza, Guido Cavaletti, Paola Marmioli. Age-related changes in the function and structure of the peripheral sensory pathway in mice. *Neurobiology of Aging*. 2016 Sep;45: 136–148 **IF 5.117**
4. **Meregalli C**. An overview of Bortezomib-induced neurotoxicity. Special issue: Toxicity of therapeutic agent used in Medicine. *Toxics* 2015, Jul 27;3(3):294-303. doi: 10.3390/toxics3030294. Review
5. **Meregalli C**, Carozzi VA, Sala B, Chiorazzi A, Canta A, Oggioni N, Rodriguez-Menendez V, Ballarini E, Ceresa C, Nicolini G, Crippa L, Orciani M, Cavaletti G, Marmioli P. Bortezomib-induced peripheral neurotoxicity in human multiple myeloma-bearing mice. *J Biol Regul Homeost Agents*. 2015 Jan-Mar;29(1):115-24 **IF 1.469**
6. Carozzi VA, Chiorazzi A, Canta A, **Meregalli C**, Oggioni N, Cavaletti G, Marmioli P. Chemotherapy-induced peripheral neurotoxicity in immune-deficient mice: New useful ready-to-use animal models. *Exp Neurol*. 2014 Nov 18;264C:92-102 **IF 4.706**
7. Othman A, Bianchi R, Alecu I, Wei Y, Porretta-Serapiglia C, Lombardi R, Chiorazzi A, **Meregalli C**, Oggioni N, Cavaletti G, Lauria G, von Eckardstein A, Hornemann T. Lowering plasma 1-deoxysphingolipids improves neuropathy in diabetic rats. *Diabetes*. 2015 Mar;64(3):1035-45. doi: 10.2337/db14-1325. Epub 2014 Oct 2. **IF 8.684**
8. Valtorta S, Nicolini G, Tripodi F, **Meregalli C**, Cavaletti G, Avezza F, Crippa L, Bertoli G, Sanvito F, Fusi P, Pagliarini R, Orsini F, Moresco RM, Coccetti P. A novel AMPK activator reduces glucose uptake and inhibits tumor progression in a mouse xenograft model of colorectal cancer. *Invest New Drugs*. 2014 Dec;32(6):1123-33. doi: 10.1007/s10637-014-0148-8. Epub 2014 Aug 19. **IF 3.484**
9. Quartu M., Carozzi VA, Dorsey S.G., Serra M.P., Poddighe L., Picci C., Boi M., Melis T. Del Fiacco M., **Meregalli C**. Chiorazzi A., Renn C.L., Cavaletti G. Marmioli. Bortezomib treatment produces nocifensive behavior and changes in the expression of TRPV1, CGRP and Substance P in the rat DRG, spinal cord and sciatic nerve. *Biomed Res Int*. 2014;2014:180428 **IF 2.476**
10. **Meregalli C**, Chiorazzi A, Carozzi V, Canta A, Sala B, Oggioni N, Ceresa C, Foudah D, La Russa F, Miloso M, Nicolini G, Marmioli P, Bennett DL, Cavaletti G. Evaluation of tubulin polymerization and chronic inhibition of proteasome as cytotoxicity mechanisms in bortezomib-induced peripheral neuropathy. *Cell Cycle*. 2013 Dec 12;13(4) **IF 3.53**
11. Chiorazzi A, Canta A, **Meregalli C**, Carozzi V, Sala B, Oggioni N, Monbaliu J, Van De Velde H, Cavaletti G. Antibody Against Tumor Necrosis Factor- α Reduces Bortezomib-induced Allodynia in a Rat Model. *Anticancer Res*. 2013 Dec;33(12):5453-9 **IF 1.937**
12. Figliuzzi M, Bianchi R, Cavagnini C, Lombardi R, Porretta-Serapiglia C, Lauria G, Avezza F, Canta A, Carozzi V, Chiorazzi A, Marmioli P, **Meregalli C**, Oggioni N, Sala B, Cavaletti G, Remuzzi A. Islet transplantation and insulin administration relieve long-term complications and rescue the residual endogenous pancreatic β cells. *Am J Pathol*. 2013 Nov;183(5):1527-38 **IF 4.057**
13. Carozzi V, Renn C, Bardini M, Fazio G, Chiorazzi A, **Meregalli C**, Oggioni N, Shanks K, Quartu M, Serra MP, Sala B, Cavaletti G, Dorsey S. Bortezomib-induced painful peripheral neuropathy: an electrophysiological, behavioral, morphological and mechanistic study in the mouse. *Plos-one* 2013;9:e72995 **IF 2.806**
14. **Meregalli C**, Ceresa C, Canta A, Carozzi V, Chiorazzi A, Sala B, Oggioni N, Lanza M, Letari O, Ferrari F, Avezza F, Marmioli P, Caselli G, Cavaletti G. CR4056, a new analgesic I2 ligand, is highly effective against bortezomib-induced painful neuropathy in rats. *J Pain Res*. 2012;5:151-67 **IF 2.581**
15. Chiorazzi A, Höchel J, Stöckigt D, Canta A, Carozzi V, **Meregalli C**, Avezza F, Crippa L, Sala B, Ceresa C, Oggioni N, Cavaletti G. Exposure-response relationship of the synthetic epothilone sagopilone in a peripheral neurotoxicity rat model. *Neurotox Res*. 2012 Aug;22(2):91-101 **IF 2.942**
16. Canta A, Chiorazzi A, Carozzi V, **Meregalli C**, Oggioni N, Sala B, Crippa L, Avezza F, Forestieri D, Rotella G, Zucchetti M, Cavaletti G. In vivo comparative study of the cytotoxicity of a liposomal formulation of cisplatin (lipoplatin™). *Cancer Chemother Pharmacol*. 2011 Oct;68(4):1001-8 **IF 2.737**
17. Carozzi V, Canta A, Oggioni N, Sala B, Chiorazzi A, **Meregalli C**, Bossi M, Marmioli P, Cavaletti G. Neurophysiological and neuropathological characterization of new murine models of chemotherapy-induced chronic peripheral neuropathies. *Exp Neurol*. 2010 dec;226(2):301-9 **IF 4.706**
18. Maggioni D, Nicolini G, Chiorazzi A, **Meregalli C**, Cavaletti G, Tredici G. Different effects of erythropoietin in cisplatin- and docetaxel-induced neurotoxicity: an in vitro study. *J Neurosci Res*. 2010 Nov 1;88(14):3171-9. **IF 2.481**
19. Canta A, **Meregalli C**, Chiorazzi A, Carozzi V, Crippa L, Marmioli P, Cavaletti G. The ventral caudal nerve: a physiologic-morphometric study in three different rat strains. *J Peripher Nerv Syst*. 2010 Jun;15(2):140-6 **IF 2.361**
20. **Meregalli C**, Canta A, Carozzi V, Chiorazzi A, Oggioni N, Gilardini A, Ceresa C, Avezza F, Crippa L, Marmioli P, Cavaletti G. Bortezomib-induced painful neuropathy in rats: a behavioral, neurophysiological and pathological study in rats. *Eur J Pain*. 2010 Apr;14(4):343-50 **IF 3.019**
21. Canta A, Chiorazzi A, **Meregalli C**, Carozzi V, Oggioni N, Lauria G, Lombardi R, Bianchi R, Porretta-Serapiglia C, Cavaletti G. Continuous buprenorphine delivery effect in streptozotocine-induced painful diabetic neuropathy in rats. *J Pain*. 2009 Sep;10(9):961-8 **IF 4.519**

Book Chapters

- **Meregalli C.** Chapter 17: Bortezomib-induced peripheral neuropathy on book "Effect of Chemotherapeutic Drugs on the Peripheral Nervous System of Human and Animal. Experimental Models" 2011. ISBN: 978-81-308-0456-9

Invited revisions for International Journals

- Toxic effects of bortezomib in primary sensory neurons and Schwann cell from adult mice. Neurotoxicity Research 2014
- Ameliorative effect of Green Lipped Mussel Extract on vincristine-induced painful neuropathy in rats. Journal of Pain and Symptom Management 2013
- Boronic Acid-based Enzyme Inhibitors: A Review of Recent Progress. Journal Current Medicinal Chemistry 2013
- Schwann cell autophagy induced by SAHA, 17-AAG, or clonazepam can reduce bortezomib-induced peripheral neuropathy. Translational Therapeutics British Journal of Cancer 2010

Meetings participations

1. Fumagalli G., **Meregalli C.**, Monza L., Alberti P., Pozzi E., Carozzi V., Ballarini E., Rodriguez- Menendez V, Oggioni N., Sandelius A., Zatterberg H., Marmioli P., Cavaletti G. Blood neurofilament light chains as a potential damage marker in chemotherapy induced peripheral neuropathy rodent models. ASNP, Roma, 19-21 April 2018
2. **Meregalli C.**, Ballarini E., Monza L., Carozzi V., Chiorazzi A., Canta A., Fumagalli G., Pozzi E., Alberti P., Rodriguez V. Bossi M., Marjanovic I., Scali C., Marmioli P., Cavaletti G. *Intravenous immunoglobulin preparation attenuates pain behaviours in a wistar rat model of bortezomib-induced peripheral neuropathy* AISAL, Milan 26-28 ottobre 2017
3. Monza L., Fumagalli G., Pozzi E., Alberti P., Canta A., Chiorazzi A., **Meregalli C.**, Carozzi V., Rigolio R., Oggioni N., Marmioli P., Cavaletti G. *Animal models for the study of human central and peripheral nervous system disease* AISAL, MILANO 26-28 ottobre 2017
4. Rodriguez-Menendez, Ballarini E., Malacrida A., Ceresa C., Semperboni S., **Meregalli C.**, Cavaletti G., Nicolini G. *In vitro morphological study of bortezomib-induced peripheral neurotoxicity*. PNS Sitges, 8-12 July 2017
5. **Meregalli C.**, Monza L., Ballarini E., Rodriguez-Menendez V., Chiorazzi A., Carozzi VA., Marjanovic I., Scali C., Ruggero S., Brian C., Marmioli P., Cavaletti G. *Human immunoglobulins ameliorate pain in rats with bortezomib-induced peripheral neuropathy* PNS Bergamo, April 20-22,2017
6. Chiorazzi A., **Meregalli C.**, Oggioni N., Canta A., Carozzi VA., Fumagalli g., Pozzi E., Rodriguez-Menendez V., Marmioli P., Pietra C., Cavaletti G. *Effect of preventive and therapeutic treatment of ghrelin agonist HM01 on the peripheral neurotoxicity induced by bortezomib in wistar rats*. PNS Bergamo, April 20-22,2017
7. Malacrida A., **Meregalli C.**, Semperboni S., Rodriguez-Menendez V., Nicolini G., Miloso M., Cavaletti G. Tubulin polymerization and mitochondria transport involvement in bortezomib peripheral neurotoxicity International Symposium on Neurobiology, Milano, January 31,2017
8. Monza L, Fumagalli G., Alberti P., Oggioni N., Dondio M, Spinoni N., Galliani C, Brivio R., Marjanovic I., Scali C., **Meregalli C.** *Pharmacokinetics of ivig in wistar rats*. AISAL Roma, 10-12 ottobre 2016
9. Paola Lorena Marmioli, Annalisa Canta, Valentina Carozzi, **Cristina Meregalli**, Norberto Oggioni, Mario Bossi, Virginia Rodriguez Menendez, Guido Cavaletti, Alessia Chiorazzi. *Age-related structural changes of the peripheral nervous system in mice: a morphological study*. IJAE Roma 15-17 september 2016
10. **Meregalli C.**, Alessio Malacrida, Arianna Scuteri, Amy E.Rumora, Stephen I.Lenz, Eva Feldman, Guido Cavaletti. *Tubulin involvement in bortezomib peripheral neuropathy*. IJAE Roma 15-17september 2016
11. Chiorazzi A, Canta A, Carozzi V.A., **Meregalli C.**, Oggioni N, Bossi M, Cavaletti G., Marmioli P. *Aging and peripheral nervous system: an in vivo study in C57BL/6 mice model*. XXII AISAL Symposium, Napoli 22-24 ottobre 2015
12. Marmioli P, Pozzi E., Chiorazzi A, **Meregalli C.**, Oggioni N., Cavaletti G., Renn C, Dorsey S.G, Carozzi V.A *Can different mice strains be differently susceptible to oxaliplatin-induced peripheral neurotoxicity?* XXII AISAL Symposium, Napoli 22-24 ottobre 2015
13. Valentina Alda Carozzi, Eleonora Pozzi, Alessia Chiorazzi, **Cristina Meregalli**, Norberto Oggioni, Elisa Ballarini, Annalisa canta, Federica Avezza, Cynthia Renn, Susan Dorsey, Guido Cavaletti, Paola Marmioli. *Oxaliplatin-induced peripheral neurotoxicity: morphological characterization in different mouse strains*. Italian Journal of anatomy and Embriology Ferrara, 17-19 settembre, 2015
14. **Meregalli C.**, Alexa T, Ceresa C, Semperboni S, Cavaletti G. *Methylen blue protects against paclitaxel-induced peripheral neurotoxicity* Meeting of the Peripheral Nerve Society, Quebec, Canada, June 27- July 2, 2015
15. **Meregalli C.**, Carozzi V, Quartu M., Cavaletti G. *Characterization of neuropathic pain in a bortezomib-induced peripheral neuropathy model* Nizza-17 May 2015
16. Carozzi VA, **Meregalli C.**, Oggioni N, Zhou J, Reed N, Ruifa M, Hoke A, Marmioli P, Cavaletti G. *Effect of ethoxyquin on platinum drugs-induced peripheral neurotoxicity*. Quinta riunione Annuale dell'Associazione italiana per lo studio del Sistema Nervoso Periferico, Torino, 9-11 Aprile 2015
17. Canta A, Carozzi VA, **Meregalli C.**, Chiorazzi A, Bossi M, Oggioni N, Marmioli P, Cavaletti G. *Aging and peripheral nervous system: a neurophysiological, morphological and morphometric study in C57BL/6 mice*. First joint meeting of SFNP and ASNP, Parigi, 30-31 Gennaio 2015.
18. Chiorazzi A, Canta A, Carozzi VA, **Meregalli C.**, Ceresa C, Oggioni N, Marmioli P, Cavaletti G. *Role of OCT2 in the development of peripheral neurotoxicity induced by cisplatin in C57BL/6 mice model*. First joint meeting of SFNP and ASNP, Parigi, 30-31 Gennaio 2015
19. **Meregalli C.**, Carozzi V, Dorsey S, Marmioli P, Cavaletti G. *Electrophysiological characterization of painful peripheral neuropathy induced by bortezomib in rats* AISAL, Torino, 23-25 ottobre 2014
20. Scuteri Arianna, Marianna Monfrini, Elisabetta Donzelli, Elisa Ballarini, Roberta Rigolio, Alessia Chiorazzi, **Cristina Meregalli** e Giovanni Tredici *Multiple neuroprotective mechanisms of mesenchymal stem cells*. MENEDROPO, Baveno, 10-11 luglio 2014
21. **Meregalli C.**, Chiorazzi A, Ceresa C, Foudah D, Miloso M, Cavaletti G. *Evaluation of microtubule polymerization involved in the development*

- of bortezomib-induced peripheral neuropathy through new in vitro and in vivo models". 2013 Meeting of the Peripheral Nerve Society, Saint-Malo, 29 Giugno-3Luglio 2013
22. **Meregalli C**, Carozzi VA, Canta A, Chiorazzi A, Sala B, Bardini M, Fazio G, Cavaletti G. "Characterization of bortezomib-induced peripheral neuropathy in an immune-suppressed murine model". Third Annual Meeting of the Associazione Italiana per lo studio del Sistema Nervoso Periferico, Verona, 18-20 Aprile 2013
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Monza, 2018, May

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I authorize the treatment of my personal data (L. 196/03)