CURRICULUM VITAE



Jonathan Vinet, Ph.D.
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Educazione

2019	Laurea triennale in Scienze biologiche, Università degli Studi di Modena e Reggio Emilia, Modena, Italia (Equipollenza per la laurea canadese).
2005	Diploma di Dottorato di Ricerca (Ph. D.) in Neurobiologia, Université Laval, Québec, Canada.
1999	Laurea Magistrale in Neurobiologia, Université Laval, Québec, Canada.
1997	Laurea in Biologia, Université Laval, Québec, Canada.

Corsi di Specializzazione/Titoli

Lug. 2017	Abilitazione scientifica nazionale al ruolo di professore II fascia per il macrosettore 05/F1, settore scientifico disciplinare BIO/13 - Biologia Applicata (validità dal 26/07/2017 al 26/07/2023).
Feb. 2010	TIPharma-Drug Discovery and Development, 's-Hertogenbosch, Paesi Bassi.
Set. 2008	PENS Training Center-Imaging Brain Function: From Synapses to Networks, Lausanne, Svizzera.

Competenze e tecniche di laboratorio conosciute

Microscopia ottica e confocale

Preparazione: Immunoistochimica su tessuti di ratto, topo, primati e umani.
Esperienza di microscopia ottica su piattaforma Nikon (Eclipse CiL).
Elevata esperienza di tecniche di microscopia confocale su piattaforme Leica (SP2 spettrale, SP8 spettrale con laser bianco e FLIM), Olympus (Fluoview 1000), Zeiss (LSM 510).
Esperienza di Time-lapse imaging su piattaforme Solamere (con Nipkow spinning disk) e Leica (SP8 spettrale con laser bianco).
Esperienza di Fluorescence Recovery After Photobleaching (FRAP su Leica SP8).
Esperienza di Microscopia Total Internal Reflection Fluorescence (TIRF su piattaforma Zeiss Axiovert 200 modificato per TIRF da Visitron).
Esperienza di Fluorescence Resonance Energy Transfer (FRET su Leica SP2).
Esperienza di Calcium Imaging.

Microscopia Elettronica a tramissione

Preparazione: Immunohistochimica in condizione pre-embedding o post-embedding per microscopia elettronica.

Esperienze su Piattaforma FEI Tecnai 12 e Philips CM100

Analisi di immagini

Deconvoluzione d'immagine fluorescente tramite il software Huygens.

Ricostruzione 3D e morfometria tramite software Imaris e Neurolucida.

Analisi quantittiva e statistica di immagini ottiche tramitte software Nikon (NIS-Element) e ImageJ (FIJI).

Analisi quantittiva e statistica di immagini fluorescenti tramite software ImageJ (FIJI) e Olympus (ScanR).

Colture cellulare

Colture di cellule HeLa, Hek e NG108.

Colture primarie di neuroni.

Colture primarie di cellule gliali (colture primarie di microglia, colture primarie di oligodendrocyte Precursor Cells, colture primarie di astrociti).

Colture organotipiche ippocampali.

Trasfezione di cellule con calcio-fosfato, lipofezione, Amaxa/nucleofezione

Biologia molecolare

FACS sorting

Citometria di flusso

RT-PCR

qPCR

Western blotting

Esperienze di Ricerca

Apr. 2019-	Tecnico di microscopia confocale presso il Centro Interdipartimentale Grandi Strumenti (CIGS), Università degli Studi di Modena e Reggio Emilia, Modena, Italia.
Apr. 2018- Dic. 2018	Ricercatore a contratto nell'ambito del Progetto Joint Programme dal titolo "Neurodegenerative Disease Research, Stress granules and proteostasis in motor neurons: towards a mechanistic understanding of ALS, CureALS", presso il laboratorio diretto dalla Prof.ssa Cristina Cereda, IRCSS Mondino di Pavia, Italia.
Apr. 2017- Mar. 2018	Ricercatore (Post-doc Fondazione Umberto Veronesi) presso il laboratorio diretto dal Prof. Giuseppe Biagini, Università degli Studi di Modena e Reggio Emilia, Modena, Italia.
Apr. 2016-Mar. 2017	Ricercatore (Post-doc AriSLA) presso il laboratorio diretto dalla Prof.ssa Serena Carra, Università degli Studi di Modena e Reggio Emilia, Modena, Italia.

Mar. 2012-Mar. 2016	Ricercatore (Post-doc FISM/Marie Skłodowska-Curie) presso il laboratorio diretto dal Prof. Giuseppe Biagini, Università degli Studi di Modena e Reggio Emilia, Modena, Italia.
Giu. 2007-Dic. 2011	Ricercatore (Post-doc) presso il laboratorio diretto dal Prof. Erik Boddeke, University Medical Center Groningen, Groningen, Paesi Bassi.
Feb. 2005-Apr. 2007	Assistente di ricerca presso il laboratorio diretto dal Dott. Attila Sík, Centre de recherche Université Laval Robert-Giffard, Québec, Canada.
Gen. 2002-Feb. 2005	Dottorato di ricerca, sotto la supervisione del Prof. Nicholas Barden, Université Laval, Québec, Canada e della Prof.ssa Nicoletta Brunello, Università degli Studi di Modena e Reggio Emilia, Modena, Italia.
Gen. 2000-Dic. 2001	Assistente di ricerca presso il laboratorio diretto dalla Dott.ssa Sonia Goulet, Centre de recherche Université Laval Robert-Giffard, Québec, Canada.
Set. 1997-Dic. 1999	Master in Neurobiology, Université Laval, Canada.

Esperienze di insegnamento

2017-2018	"Potenziale di membrana e impulsi nervosi"; Seminario invitato nell'ambito del corso di Biologia Molecolare e Cellulare per i CdL Techniche di Laboratorio Biomedico, Università degli Studi di Modena e Reggio Emilia, Italia.
2012	"Glial cells and neuroinflammation"; due seminari per gli studenti del corso di dottorato di Medicina Clinica e Sperimentale di UNIMORE, Università degli Studi di Modena e Reggio Emilia, Italia.
2010-2011	Tutor accademico per studendi di medicina, University Medical Center Gronigen, Paesi Bassi.
2010	"Astrocytes: The shadow of neurons"; Seminario per gli studenti del Master in "Behavioural and Cognitive Neuroscience", University Medical Center Gronigen, Paesi Bassi.
2010	"Release of chemokines form neurons: Importance for neuron-microglia signaling"; Seminario per gli studenti del Master in "Behavioural and Cognitive Neuroscience", University Medical Center Gronigen, Paesi Bassi.
2010	"Glial cells"; Seminario per gli studenti di Medicina, University Medical Center Gronigen, Paesi Bassi.
2009	"Time-lapse microscopy to study vesicles transport and release"; Seminario di microscopia indirizzato ai dottorandi di ricerca, University Medical Center Groningen, Paesi Bassi.
1997-2000	"Human brain anatomy"; Laboratorio di anatomia del cervello umano per gli studenti del Baccalaureato in Medicina e in Psicologia, Université Laval, Québec, Canada.

Borse di Studio e Premi

2017 Fellowship Fondazione Umberto Veronesi (Aprile 2017-Marzo 2018).
2013 Fellowship Marie-Curie Intra-European Fellowship (Marzo 2014-Febbraio 2016).
2012 Fellowship Fondazione Italiana Sclerosi Multipla (FISM) (Marzo 2012-Febbraio 2014).

Finanziamenti

2011 Fondazione Olandese Sclerosi Multipla (MS Stichting): Fondo di ricerca di 4 anni (Set. 2011-Ago. 2015).
2011 Fondazione Olandese per gli studi sul cervello (Hersenstichting): Fondo di ricerca di 1 anno (Set. 2011-Ago. 2012).
2010 Fondazione Olandese Sclerosi Multipla (MS Stichting): Progetto pilota di 1 anno (Feb. 2010-Gen. 2011).

Altre attività a carattere scientifico

Reviewer	PLoS One, Journal of Immunology, Behavioural Neurology, Frontiers in Neuroscience.
Guest Editor	International Journal of Molecular Sciences.
Comitato scientifico	Consulente del comitato tecnico del Dipartimento di Scienze Biomediche, Metaboliche e Neuroscienze di UNIMORE per la scelta/acquisto di un nuovo microscopio confocale per eseguire esperimenti di time-lapse imaging (Settembre 2018-Dicembre 2018). Consulente del comitato tecnico del Dipartimento di Scienze Biomediche, Metaboliche e Neuroscienze di UNIMORE per il potenziamento del microscopio SP8 del CIGS di UNIMORE con l'acquisto di un'unità STED (Giugno 2017-Novembre 2018). Membro del comitato tecnico del Centro Interdipartimentale Grandi Strumenti (CIGS) di UNIMORE per la scelta/acquisto di un nuovo microscopio confocale nel quadro del piano di sviluppo (Ottobre 2016-Luglio 2017).
Terza missione	Seminari a studenti del liceo Fanti di Carpi (terza-quinta), sulle cellule gliale e la vita di ricercatore (Maggio 2015, Maggio 2016, Maggio 2017).

Articoli pubblicati in riviste internazionali indicizzate

***: co-first authorship**

1, **Vinet J**, Costa AM, Salina-Navarro M, Leo G, Moons L, Arckens L, Biagini G. A hydroxypyrone-based inhibitor of metalloproteinase-12 displays neuroprotective properties in both status epilepticus and optic nerve crush animal models. *Int J Mol Sci.* 2018; 19, 2178.

2, Lucchi C, Costa AM, Giordano C, Curia G, Piat M, Leo G, **Vinet J**, Brunel L, Fehrentz JA, Martinez J, Torsello A, Biagini G. Involvement of PPARγ in the Anticonvulsant Activity of EP-80317, a Ghrelin Receptor Antagonist. *Front. Pharmacol*. 2017; 8:676.

3, Morelli FF, Verbeek DS, Bertacchini J, **Vinet J**, Mediani L, Marmiroli S, Cenacchi G, Nasi M, De Biasi S, Brunsting JF, Lammerding J, Pegoraro E, Angelini C, Tupler R, Alberti S, Carra S. Aberrant Compartment Formation by HSPB2 Mislocalizes Lamin A and Compromises Nuclear Integrity and Function. *Cell Rep.* 2017; 20(9):2100-2115.

4, Morelli FF, Mediani L, Heldens L, Bertacchini J, Bigi I, Carrà AD, **Vinet J**, Carra S. An interaction study in mammalian cells demonstrates weak binding of HSPB2 to BAG3, which is regulated by HSPB3 and abrogated by HSPB8. *Cell Stress Chaperones* 2017; 22(4):531-540.

5, Ganassi M, Mateju D, Bigi I, Mediani L, Poser I, Lee HO, Seguin SJ, Morelli FF, **Vinet J**, Leo G, Pansarasa O, Cereda C, Poletti A, Alberti S, Carra S. A Surveillance Function of the HSPB8-BAG3-HSP70 Chaperone Complex Ensures Stress Granule Integrity and Dynamism. *Mol. Cell* 2016; 63(5):796-810.

6, **Vinet J**, Vainchtein ID, Spano C, Giordano C, Bordini D, Dominici M, Boddeke HWGM, Eggen BJ, Biagini G. Microglia are less pro-inflammatory than myeloid infiltrates in the hippocampus of mice exposed to status epilepticus. *Glia* 2016; 64(8):1350-62.

7, Giordano C, **Vinet J**, Curia G, Biagini G. Repeated 6-Hz corneal stimulation progressively increases FosB/ΔFosB levels in the lateral amygdala and induces seizure generalization to the hippocampus. *PLoS One* 2015; 10(11):e0141221.

8, Lucchi C, **Vinet J**, Meletti S, Biagini G. Ischemic-hypoxic mechanisms leading to hippocampal dysfunction as a consequence of status epilepticus. *Epilepsy Behav.* 2015; 49:47-54.

9, Minoia M, Boncoraglio A, **Vinet J**, Morelli FF, Brunsting JF, Poletti A, Krom S, Reits E, Kampinga HH, Carra S. BAG3 induces the sequestration of proteasomal clients into cytoplasmic puncta: Implications for a proteasome-to-autophagy switch. *Autophagy*. 2014; 10(9):1603-21.

10, Seguin SJ, Morelli FF, **Vinet J**, Amore D, De Biasi S, Poletti A, Rubinsztein DC, Carra S. Inhibition of autophagy, lysosome and VCP function impairs stress granule assembly. *Cell Death Differ.* 2014; 21(12):1838-51.

11, Rossignol E, Kobow K, Simonato M, Loeb JA, Grisar T, Gilby KL, **Vinet J**, Kadam SD, Becker AJ. WONOEP appraisal: New genetic approaches to study epilepsy. *Epilepsia*, 2014; 55(8):1170-86.

12, Vainchtein ID, **Vinet J**, Brouwer N, Brendecke S, Biagini G, Biber K, Boddeke HW, Eggen BJ. In acute experimental autoimmune encephalomyelitis, infiltrating

macrophages are immune activated, whereas microglia remain immune suppressed. *Glia*, 2014; 62(10):1724-35.

13, Curia G, Lucchi C, **Vinet J**, Gualtieri F, Marinelli C, Torsello A, Costantino L, Biagini G. Pathophysiogenesis of Mesial Temporal Lobe Epilepsy: Is Prevention of Damage Antiepileptogenic? *Curr. Med. Chem.* 2014; 21(6)663-88.

14, Lucchi C, Curia G, **Vinet J**, Gualtieri F, Bresciani E, Locatelli V, Torsello A, Biagini G. Protective but not anticonvulsant effects of ghrelin and JMV-1843 in the pilocarpine model of Status epilepticus. *PLoS One.* 2013; 8(8):e72716.

15, Biagini G, Rustichelli C, Curia G, **Vinet J**, Lucchi C, Pugnaghi M, Meletti S. Neurosteroids and epileptogenesis. *J. Neuroendocrinol.* 2013; 25(11):980-90.

16, Watts AO, van Lipzig MM, Jaeger WC, Seeber RM, van Zwam M, **Vinet J**, van der Lee MM, Siderius M, Zaman GJ, Boddeke HW, Smit MJ, Pfleger KD, Leurs R, Vischer HF. Identification and profiling of CXCR3-CXCR4 chemokine receptor heteromer complexes. *Br. J. Pharmacol.* 2012; 168(7):1662-74.

17, Vinet J*, van Zwam M*, Dijkstra IM, Brouwer N, van Weering HR, Watts A, Meijer M, Fokkens MR, Kannan V, Verzijl D, Vischer HF, Smit MJ, Leurs R, Biber K, Boddeke HW. Inhibition of CXCR3-mediated chemotaxis by the human chemokine receptor-like protein CCX-CKR. *Br. J. Pharmacol.* 2012; 168(6):1375-87.

18, Moidunny S, **Vinet J**, Wesseling E, Bijzet J, Shieh CH, van Ijzendoorn SC, Bezzi P, Boddeke HW, Biber K. Adenosine A2B receptor-mediated leukemia inhibitory factor release from astrocytes protects cortical neurons against excitotoxicity. *J. Neuroinflammation*. 2012; 9:198.

19, Vinet J*, van Weering HRJ*, Heinrich A, Kälin RE, Wegner A, Brouwer N, Heppner FL, van Rooijen N, Boddeke HWGM, Biber K. Neuroprotective function for ramified microglia in hippocampal excitotoxicity. *J. Neuroinflammation. 2012;* 9:27.

20, Olah M, Amor S, Brouwer N, **Vinet J**, Eggen B, Biber K, Boddeke HW. Identification of a microglia phenotype supportive of remyelination. *Glia*. 2012; 60(2):306-21.

21, Seidel K, Meister M, Dugbartey GJ, Zijlstra MP, **Vinet J**, Brunt ER, van Leeuwen FW, Rüb U, Kampinga HH, den Dunnen WF. Cellular protein quality control and the evolution of aggregates in SCA3. *Neuropathol. Appl. Neurobiol.* 2012; 38(6):548-58.

22, Seidel K*, **Vinet J***, den Dunnen WFA, Brunt ER, Meister M, Boncoraglio A, Zijlstra MP, Boddeke HWGM, Rüb U, Kampinga HH, Carra S. The HSPB8-BAG3 chaperone complex is upregulated in astrocytes in the human brain affected by protein aggregation diseases. *Neuropathol. Appl. Neurobiol.* 2012; 38(1):39-53.

23, Olah M, Biber K, **Vinet J**, Boddeke HWGM. Microglia Phenotype diversity. *CNS & Neurol. Disord.-Drug Targ.* 2011; 10(1):108-18.

24, van Weering HRJ, Boddeke HWGM, **Vinet J**, Brouwer N, de Haas AH, van Rooijen N, Thomsen AR, Biber KPH. CXCL10/CXCR3 signaling in glia cells differentially affects NMDA-induced cell death in CA and DG neurons of the mouse hippocampus. *Hippocampus* 2011; 21(2):220-32.

25, Vinet J, Lemieux P, Tamburri A, Tiesinga P, Gallo V, Sík A. Subclasses of oligodendrocytes populate the mouse hippocampus. *Eur. J. Neurosci.* 2010; 31(3):425-38.

26, Vinet J*, de Jong EK*, Boddeke HWGM, Stanulovic V, Brouwer N, Granic I, Eisel ULM, Liem RSB, Biber K. Expression of CXCL10 in cultured cortical neurons. *J. Neurochem.* 2010; 112(3):703-14.

27, de Jong EK*, **Vinet J***, Stanulovic VS*, Meijer M, Wesseling E, Sjollema K, Boddeke HWGM, Biber K. Expression, transport and axonal sorting of neuronal CCL21 in large-dense core vesicles. *FASEB J.* 2008; 22(12):4136-45.

28, Biber K, **Vinet J,** Boddeke HWGM. Neuron-microglia signaling: chemokines as versatile messengers. *J. Neuroimmunology* 2008; 198(1-2):69-74.

29, Vinet J, Sík A. Expression pattern of voltage-dependent calcium channel subunits in hippocampal inhibitory neurons in mice. *Neuroscience* 2006; 143(1):189-212.

30, Vinet J*, Carra S*, Blom JMC, Brunello N, Barden N, Tascedda F. Chronic treatment with desipramine and fluoxetine modulates BDNF, CaMKKα and CaMKKβ mRNA levels in the hippocampus of transgenic mice expressing antisense RNA against the glucocorticoid receptor *Neuropharmacology* 2004; 47(7):1062-9.

31, Vinet J, Carra S, Blom JMC, Harvey M, Brunello N, Barden N, Tascedda F. Cloning of mouse Ca^{2+}/calmodulin-dependent protein kinase kinase beta (CaMKKβ) and characterization of CaMKKβ and CaMKKα distribution in the adult mouse brain. *Mol. Brain Res.* 2003;111(1-2):216-21.

32, Bernier PJ, Bédard A, **Vinet J**, Lévesque M, Parent A. Newly generated neurons in the amygdala and adjoining cortex of adult primates. *Proc. Natl. Acad. Sci. USA.* 2002; 99(17):11464-9.

33, Vinet J, Bernier PJ, Parent A. Bcl-2 expression in thalamus, brainstem, cerebellum and visual cortex of adult primate. *Neurosci. Res.* 2002; 42(4):269-77.

34, Bernier PJ, **Vinet J**, Cossette M, Parent A. Characterization of the subventricular zone in the adult human brain: evidence for the involvment of bcl-2. *Neurosci. Res.* 2000; 37(1):67-78.

35, Cicchetti F, **Vinet J**, Beach TG, Parent A. Differential expression of α-amino-3-hydroxy-5-methyl-4-isoxazolepropionate receptor subunits by calretinin-immunoreactive neurons in the human striatum. *Neuroscience*. 1999; 93(1):89-97.

Presentazioni orali su invito o in convegni scientifici

Mag. 2015 **Vinet J**. Characterization of a supportive phenotype of microglia toward remyelination. *Congresso annuale dell'associazione Italiana per la Sclerosi Multipla (AISM) e la sua Fondazione*. Roma, Italia.

Mag. 2015 **Vinet J**. Presentazione e discussione critica dell' articolo "Pilocarpine-induced convulsive activity is limited by multidrug transporters at the rodent blood-brain barrier". *Giornate di Studio sull'Eccitabilità Neuronale XII – Società Italiana di Neuroscienze*. Fano, Italia.

Giu. 2013 **Vinet J**, van Weering HRJ, Boddeke HWG., Biber KPH, Biagini G. Identifying the phenotype of microglia in temporal lobe epilepsy. 12th *Workshop on Neurobiology of Epilepsy (WOENOP)*. Lac Dupuis, Québec, Canada.

Mag. 2012 **Vinet J**. Supportive and protective role of microglia. *Giornate di Studio sull'Eccitabilità Neuronale IX – Società Italiana di Neuroscienze*. Badia di San Pietro al Monte Conero, Sirolo, Italia.

Ott. 2010 **Vinet J**. Induced Pluripotent Stem (iPS) cells as a tool to study neuron-microglia communication in human Huntington's patients. *Dutch Huntington's disease symposium*. Naarden, Paesi Bassi.

Mar. 2010 **Vinet J**. Release of chemokines from neurons: Importance for neuron-microglia signaling. *Manchester Neuroscience symposium*. Manchester, UK.

Dic. 2009 **Vinet J**. Release of chemokines from neurons: Importance for neuron-microglia signaling. Birmingham University, Department of neuropharmacology and neurobiology, Birmingham, UK.

Apr. 2009 **Vinet J**. CXCL10/CXCR3 signaling in glia cells differentially affects NMDA-induced cell death in CA and DG neurons of the mouse hippocampus. *Dutch Glia Workgroup*. Amsterdam, Paesi Bassi.

Lug. 2008 **Vinet J**, de Jong EK, Meijer M, Boddeke HWGM, Biber K. Expression of CCL21 in large-dense core vesicles and factors affecting their transport and release. *Joint UK, German and Dutch Symposium 2008, Cell Adhesion and Migration*. Nijmegen, Paesi Bassi.

Giu. 2008 **Vinet J**. Expression of CCL21 in large-dense core vesicles and factors affecting their transport and release. *Dutch Society of Physiology meeting*. 's-Hertogenbosch, Paesi Bassi.

Lug. 1998 **Vinet J**, Bernier PJ, Parent A. The subventricular zone and rostral migratory stream in humans: A possible source of stem cells for brain repair. *Society for Experimental Neuropathology meeting*. Montréal, Canada.

Abstracts (posters) presentati in convegni nazionali e internazionali

1, Morelli FF, Verbeek DS, Bertacchini J, **Vinet J**, Mediani L, Marmiroli S, Cenacchi G, Nasi M, De Biasi S, Brunsting JF, Lammerding J, Pegoraro E, Angelini C, Tupler R, Alberti S, Carra S. Aberrant self-assembly of HSPB2 mislocalizes LMNA and compromises nuclear integrity and function. *Biennial Congress of the Italian Association of Cell Biology and Differentiation (ABCD).* Bologna, Italia, Settembre 2017.

2, Bigi I, **Vinet J**, Mediani L, Mandrioli J, Morelli FF, Carrà AD, Cereda C, Poletti A, Alberti S, Carra S. VCP and autoophagolysosomal pathway: guardians of proteostasis and stress granules dynamics. Unraveling their implications in ALS (Granulopathy). *Convegno annuale Fondazione ARISLA*, Torino, Settembre 2017.

3, Costa AM, Giordano G, Lucchi C, Curia G, Piat M, Leo G, **Vinet J**, Biagini G. FosB/ΔFosB and p-ERK1/2 expression respectively identified the lateral amygdala and CA1 as critical regions involved in the progressive seizure aggravation observed in mice exposed to repeated 6-Hz corneal stimulation. *PhD Meeting in Neuroscience, Italian Society for Neuroscience (SINS).* Napoli, Italia, Febbbraio 2017.

4, Ganassi M, Mateju D, Bigi I, Mediani L, Poser I, Lee HO, Seguin SJ, Morelli FF, Vinet J, Leo G, Pansarasa O, Cereda C, Poletti A, Alberti S, Carra S. Granulostasis: a surveillance function of the hspb8-bag3-hsp70 chaperone complex that maintains stress granule integrity and dynamism. *VIIIth international symposium on heat shock proteins in biology and medicine: stress responses in health & disease*. Alexandria, USA, Novembre 2016.

5, Bigi I, **Vinet J**, Ganassi M, Mateju D, Mediani L, Poser I, Lee HO, Seguin SJ, Morelli FF, Leo G, Pansarasa O, Cereda C, Poletti A, Alberti S, Carra S. A surveillance function of the HSPB8-BAG3-HSP70 chaperone complex ensures stress granule

integrity and dynamism. *Convegno annuale Fondazione ARISLA*, Milano, Settembre 2016.

6, Giordano C, Roli L, Marchiò M, **Vinet J**, Trenti T, Torsello A, Biagini G. Ketogenic diet counteracts psychomotor seizures but negatively modulates the anticonvulsant hormone des-acyl ghrelin. *XV National Congress of the Italian Society of* Neuroscience (SINS). Cagliari, Italia, Ottobre 2015.

7, **Vinet J**, Vainchtein ID, Spano C, Giordano C, Bordini D, Dominici M, Eggen BJL, Biagini G. The phenotypes of microglia and macrophages during epileptogenesis. *12th European Meeting on Glial Cells in Health and Disease.* Bilbao, Spagna, Luglio 2015.

8, Vainchtein I, **Vinet J**, Al-Izki S, Pryce G, Grit C, Brouwer N, Amor S, Baker D, Eggen B, Boddeke E. Microglia are involved in apoptotic clearance during chronic-relapsing EAE. *12th European Meeting on Glial Cells in Health and Disease.* Bilbao, Spania, Luglio 2015.

9, Seguin SJ, Morelli FF, Ganassi M, **Vinet J**, Amore D, Poletti A, Rubinsztein DC, Carra S. Molecular chaperones and the protein quality control system: from proteins to ribonucleoprotein complexes and stress granules. *EMBO conference; Molecular Chaperones: From molecules to cells and misfolding diseases*. Heraklion, Grecia, Maggio 2015.

10, Seguin SJ, Morelli FF, **Vinet J**, Amore D, Poletti A, Rubinsztein DC, Carra S. Inhibition of autophagy, lysosome and VCP alters stress granule morphology and composition. *EMBO Workshop; The regulation of aging and proteostasis.* Jerusalem, Israel, Febbraio 2015.

11, **Vinet J**, Vainchtein ID, Brouwer N, Brendecke S, Biagini G, Biber K, Boddeke HWGM, Eggen BJL. In acute experimental autoimmune encephalomyelitis, invading macrophages are immune activated whereas microglia remain immune suppressed. *9th FENS Forum of Neuroscience*. Milano, Italia, Luglio 2014.

12, Lucchi C, Curia G, **Vinet J**, Gualtieri F, Torsello A, Biagini G. Protective but not anticonvulsive effects of ghrelin and JMV-1843 in the pilocarpine model of status epilepticus. *XIV National Congress of the Italian Society of Neuroscience (SINS)*. Roma, Italia, Ottobre 2013.

13, Minoia M, Boncoraglio A, **Vinet J**, Brunsting JF, Poletti A, Krom S, Reits E, Kampinga HH, Carra S. BAG3-mediated re-routing of protein degradation towards autophagy upon proteasomal impairment. *VI International Congress on Stress Proteins in Biology and Medicine*. Sheffield, UK. Agosto 2013.

14, Vainchtein I, **Vinet J**, Brouwer N, Eggen BJL, Boddeke E. The phenotypes of microglia and macrophages during experimental autoimmune encephalomyelitis. *11th European Meeting on Glial Cells in Health and Disease.* Berlin, Germania, Luglio 2013.

15, Minoia M, Boncoraglio A, **Vinet J**, Brunsting JF, Poletti A, Krom S, Reits E, Kampinga HH, Carra S. BAG3 induces the sequestration of ubiquitinated proteins into cytoplasmic puncta and re-routes them to autophagy upon proteasomal impairment. *EMBO conference; The biology of molecular chaperones: From molecules, organelles and cells to misfolding diseases*. Santa Margherita di Pula, Italia. Maggio 2013.

16, Heldens L, Morelli F, Verbeek D, **Vinet J**, Angelini C, Boelens W, Tupler R, Carra S. Chracterization of the R7S mutation of Heat Shock Protein HSPB3 and of two novel

mutations found in patients suffering of myopathy: understanding the mechanisms leading to disease. *XVII Telethon Convention*. Riva del Garda, Italia, Marzo 2013.

17, Boddeke E, **Vinet J**, Biber K. The role of lymphoid chemokine ligands for CXCR3 in regulating glial function. *10th European Meeting on Glial Cells in Health and Disease.* Prague, Repubblica Ceca, Settembre 2011.

18, Carra S, Boncoraglio A, Minoia M, Brunsting JF, Kanon B, Seidel K, **Vinet J**, den Dunnen WFA, Sibon OCM, Kampinga HH. BAG3, together with its multiple partners HSPB8/HSP70/p65, acts as a master regulator of protein homeostasis. *EMBO conference; The biology of molecular chaperones: from basic mechanisms to intervention strategies in disease*. Grundlsee, Austria, Maggio 2011.

19, Seidel K, **Vinet J**, den Dunnen WFA, Brunt ER, Meister M, Boncoraglio A, Zijlstra MP, Boddeke HWGM, Rüb U, Kampinga HH, Carra S. The HSPB8-BAG3 chaperone complex is upregulated in astrocytes in the human brain in protein aggregation diseases. *Huntington Disease Symposium*. Groningen, Paesi Bassi, Marzo 2011.

20, Vinet J, Boddeke HWGM, van Weering HRJ, van Rooijen N, Biber KPH Neuroprotective function for ramified microglia in hippocampal excitotoxicity. 7th *FENS Forum of European Neuroscience.* Amsterdam, Paesi Bassi, Luglio 2010.

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