

## **CURRICULUM VITAE**

Ethel Leslie Ciampi Díaz

### **Personal Information**

Date of birth: January 31st, 1984

Place of birth: Santiago, Chile.

Citizenship: Chilean, Italian

Personal Address: General Jofre 338, Dp. 601, Santiago, Chile.

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Work Address: Diagonal Paraguay 362, 5° Piso, Departamento de Neurología, Santiago, Chile

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### **Education**

Pontificia Universidad Católica de Chile, Santiago, Chile

Medical Doctor Degree

Pontificia Universidad Católica de Chile, Santiago, Chile

Neurology Specialist

Centro de Esclerosis Múltiple Pontificia Universidad Católica de Chile  
Multiple Sclerosis and Neuroimmunology Fellowship

ECTRIMS Clinical Training Fellowship in Multiple Sclerosis Awardee 2013

Centro de Esclerosis Múltiple de Cataluña (CEMCAT)

Universidad Autónoma de Barcelona, Hospital Universitario Vall'd Hebron,  
Barcelona, Spain

Mini Fellowship in Multiple Sclerosis , Stony Brook University, New York ,  
USA

Preceptorship: Neurological Rehabilitation in Multiple Sclerosis, Spaulding  
Rehabilitation Hospital, Harvard University , Boston , USA

Principles and Practice in Clinical Research - Advanced Statistics Workshop,  
Harvard University, Boston , USA

### **Current Occupation**

Assistant Professor, Departamento de Neurología, División de Neurociencias, Facultad de Medicina, Pontificia Universidad Católica de Chile, Santiago, Chile

Neurologist, Red de Salud UC Christus, Santiago, Chile

Pontifical University Multiple Sclerosis Programme, Santiago, Chile

Chief of the Multiple Sclerosis and Neuroimmunology Unit - Hospital Dr. Sótero del Río, Santiago, Chile

Member of the Expert Committee for Multiple Sclerosis, Ministry of Health, Santiago, Chile

### **Publications – NATIONAL**

#### **Enfrentamiento Diagnóstico y Clínico de las Demencias Frontotemporales.**

Ethel Ciampi D., Oscar Vargas O., Jorge González-Hernández.

Revista Memoriza.com 2009; 4: 22-35.

#### **¿Neurológico o Psiquiátrico? Una Historia Tortuosa.**

Ethel Ciampi Díaz, Isabel Elicer Coopman, Jorge González-Hernández.

Revista Memoriza.com 2012; 9: 31-42.

**Oftalmoparesia dolorosa episódica asociada a rinosinusitis aguda recurrente: Un caso de síndrome de Tolosa Hunt.** Javiera Perelli S · Maximiliano Vergara V · Ethel Ciampi D · Rodrigo Cabezón A · Reinaldo Uribe S. Rev. Otorrinolaringol. Cir. Cabeza Cuello vol.75 no.1 Santiago abr. 2015

**Inmunología y Epilepsia. Encefalitis autoinmunes mediadas por anticuerpos.** Immunology and epilepsy. Antibody-mediated autoimmune encephalitis. Reinaldo Uribe-San Martín, Gino Maguida V., Ethel Ciampi D. Revista Chilena de Epilepsia Año 16, N° 3, Diciembre 2016

### **Publications – INTERNATIONAL**

**Multiple sclerosis in South America: month of birth in different latitudes does not seem to interfere with the prevalence or progression of the disease.**

Fragoso YD, Adoni T, Almeida SM, Alves-Leon SV, Arruda WO, Barbagelata-Aguero F, Brooks JB, Carra A, Claudino R, Comini-Frota ER, Correa EC, Damasceno A, Damasceno BP, Díaz EC, Elliff DG, Fiore AP, Franco CM, Giacomo MC, Gomes S, Gonçalves MV, Grzesiuk AK, Inojosa JL, Kaimen-Maciel DR, Lin K, Lopes J, Lourenço GA, Martínez AD, Melcon MO, Morales Nde M, Morales RR, Moreira M, Moreira SV, Oliveira CL, Oliveira FT, Ribeiro JB, Ribeiro SB, Rodríguez CC, Russo L, Safanelli J, Shearer KD, Siquineli F, Vizcarra-Escobar D.

Arq Neuropsiquiatr. 2013 Sep;71(9A):573-9. doi: 10.1590/0004-282X20130098.

**Prevalence of epilepsy in a cohort of patients with Multiple Sclerosis.**

Uribe-San-Martín R, Ciampi-Díaz E, Suarez-Hernández F, Vásquez-Torres M, Godoy-Fernández J, Cárcamo-Rodríguez C. Seizure. 2014 Jan;23(1):81-3.

**Optic Neuritis revealing Kikuchi-Fujimoto's disease: clinical commentary.**  
E Ciampi. Multiple Sclerosis Journal, Mult Scler. 2014 Mar 5.

**Commentary on Pique et al.'s paper entitled: Peripheral late reactivation of a previously typical monofocal Balo's concentric sclerosis lesion.**

E Ciampi, C Tur, X Montalban. Multiple Sclerosis Journal, Mult Scler. 2015 May 26

**Gelastic epilepsy: Beyond hypothalamic hamartomas.**

Reinaldo Uribe-San-Martin · Ethel Ciampi · Balduin Lawson-Peralta · Keryma Acevedo-Gallinato · Gonzalo Torrealba-Marchant · Manuel Campos-Puebla · Jaime Godoy-Fernández, Epilepsy and Behavior Case Reports 4 · August 2015

**Andrographis paniculata decreases fatigue in patients with relapsing-remitting multiple sclerosis: a 12-month double-blind placebo-controlled pilot study**

Bertoglio et al. BMC Neurology (2016) 16:77

J. C. Bertoglio<sup>1</sup>, R. Palma<sup>2</sup>, E. Ciampi<sup>3</sup>, C. Carcamo<sup>3</sup>, D. D. Cáceres<sup>4</sup>, G. Acosta-Jamett<sup>5</sup>, J. L. Hancke<sup>6</sup> and R. A. Burgos<sup>6\*</sup>, M. Baumgartner<sup>2</sup>

**Grey matter atrophy is associated with disability increase in natalizumab-treated patients**

Ethel Ciampi, Deborah Pareto, Jaume Sastre-Garriga, Angela Vidal-Jordana, Carmen Tur, Jordi Río, Mar Tintoré, Cristina Auger, Alex Rovira and Xavier Montalban

Multiple Sclerosis Journal, 2016 ePub ahead of print. DOI: 10.1177/1352458516656808

**Measurement of Cortical Thickness and Volume of Subcortical Structures in Multiple Sclerosis: Agreement between 2D Spin-Echo and 3D MPRAGE T1-Weighted Images.**

Vidal-Jordana A, Pareto D, Sastre-Garriga J, Auger C, Ciampi E, Montalban X, Rovira A.

AJNR Am J Neuroradiol. 2016 Nov 24.

**Neuromyelitis optica spectrum disorders: profile of a cohort according to the 2015 diagnostic criteria].**

Uribe-San Martin R, Ciampi E, Galilea A, Sandoval P, Miranda H, Mellado P, Cruz JP, Huete I, Carcamo C.

Rev Neurol. 2017 Sep 1;65(5):193-202. Spanish.

PMID:28849860

**Th1 and Th17 Cells and Associated Cytokines Discriminate among Clinically Isolated Syndrome and Multiple Sclerosis Phenotypes.**

Arellano G, Acuña E, Reyes LI, Ottum PA, De Sarno P, Villarroel L, Ciampi E, Uribe-San Martín R, Cárcamo C, Naves R.

Front Immunol. 2017 Jun 30;8:753. doi: 10.3389/fimmu.2017.00753.

eCollection 2017.PMID:28713377

**Galectin-8 as an immunosuppressor in experimental autoimmune encephalomyelitis and a target of human early prognostic antibodies in multiple sclerosis.**

Pardo E, Cárcamo C, Uribe-San Martín R, Ciampi E, Segovia-Miranda F, Curkovic-Peña C, Montecino F, Holmes C, Tichauer JE, Acuña E, Osorio-Barrios F, Castro M, Cortes P, Oyanadel C, Valenzuela DM, Pacheco R, Naves R, Soza A, González A.

PLoS One. 2017 Jun 26;12(6):e0177472. doi: 10.1371/journal.pone.0177472.

eCollection 2017.

PMID:

28650992

**Secondary paroxysmal dyskinesia in multiple sclerosis: Clinical-radiological features and treatment. Case report of seven patients.**

Ciampi E, Uribe-San-Martín R, Godoy-Santín J, Cruz JP, Cárcamo-Rodríguez C, Juri C.

Mult Scler. 2017 Nov;23(13):1791-1795. doi: 10.1177/1352458517702968.

Epub 2017 Apr 11. PMID:

28397579

**Social cognition: Concepts, neural basis and its role in multiple sclerosis.**

Labbé, T., Ciampi, E. and Carcamo Rodríguez, C. (2018), *Neurol Clin Neurosci*, 6: 3–8. doi:10.1111/ncn3.12164

**Risk factors of early adverse drug reactions with phenytoin: A prospective inpatient cohort.**

Uribe-San-Martín R, Ciampi E, Uslar W, Villagra S, Plaza J, Godoy J, Mellado P.

*Epilepsy Behav.* 2017 Nov;76:139-144. doi: 10.1016/j.yebeh.2017.08.032.

Epub 2017 Sep 15.

**Relationship between Social Cognition and traditional cognitive impairment in Progressive Multiple Sclerosis and possible implicated neuroanatomical regions.**

Ciampi E, Uribe-San-Martin R, Vásquez M, Ruiz-Tagle A, Labbe T, Cruz JP, Lillo P, Slachevsky A, Reyes D, Reyes A, Cárcamo-Rodríguez C.

*Mult Scler Relat Disord.* 2018 Jan 25;20:122-128. doi:

10.1016/j.msard.2018.01.013. [Epub ahead of print]

**Corpus callosum atrophy and post-surgical seizures in temporal lobe epilepsy associated with hippocampal sclerosis.**

Uribe-San-Martín R, Ciampi E, Di Giacomo R, Vásquez M, Cárcamo C, Godoy J, Lo Russo G,

Tassi L. *Epilepsy Res.* 2018 Mar 3;142:29-35. doi:

10.1016/j.eplepsyres.2018.03.001. [Epub ahead of print] PubMed PMID:  
29549794

Social Cognition: Concepts, Neural Basis and its role in Multiple Sclerosis. Tomás Labbé Ethel Ciampi Claudia Carcamo Rodríguez. Neurology and Clinical Neuroscience. <https://doi.org/10.1111/ncn3.12164>

Functional magnetic resonance imaging in the study of multiple sclerosis. Labbe T, Ciampi E, Cruz JP, Zurita M, Uribe S, Carcamo C. Rev Neurol. 2018 Aug 1;67(3):91-98.

Characterization of relapsing-remitting multiple sclerosis patients using support vector machine classifications of functional and diffusion MRI data. Zurita M, Montalba C, Labbé T, Cruz JP, Dalboni da Rocha J, Tejos C, Ciampi E, Cárcamo C, Sitaram R, Uribe S. Neuroimage Clin. 2018 Sep 4;20:724-730. doi: 10.1016/j.nicl.2018.09.002

Functional magnetic resonance imaging: basic principles and application in the neurosciences. Labbé Atenas T, Ciampi Díaz E, Cruz Quiroga JP, Uribe Arancibia S, Cárcamo Rodríguez C. Radiologia. 2018 Mar 12. pii: S0033-8338(18)30006-7. doi: 10.1016/j.rx.2017.12.007. [Epub ahead of print] English, Spanish. PMID:29544987

Assessment and Impact of Cognitive Impairment in Multiple Sclerosis: An Overview. Miguel Ángel Macías Islas and Ethel Ciampi. Biomedicines 2019, 7(1), 22; <https://doi.org/10.3390/biomedicines7010022>

## **Publications – BOOKS**

### **Biomarkers of cardiometabolic risk, inflammation and Disease.**

Chapter 7: Cardiometabolic risk, inflammation and Neurodegenerative Disorders. Springer, 2015. Filipe Palavra, Armando Sena, Ethel Ciampi.

## **Presentations – NATIONAL**

IV Congreso de Educación Médica, Santiago, Chile, 2007.

-Apreciación de la experiencia con pacientes simulados: Opinión de Estudiantes de Medicina.

V Congreso de Educación Médica, Valdivia, Chile, 2010.

-Evaluación de Actitudes de Docentes de Medicina en relación a Curso de Habilidades Comunicacionales.

LXVI Congreso Chileno de Psiquiatría, Neurología y Neurocirugía. Pucón, Chile, 2011.

-Encefalitis Autoinmune: Presentación de un caso y revisión de la literatura.

-DILS: Presentación de un caso y revisión de la literatura.

LXVII Congreso Chileno de Psiquiatría, Neurología y Neurocirugía. Valdivia, Chile, 2012.

-Concurrencia de Esclerosis Múltiple y Glioma Maligno: Presentación de un caso y revisión de la literatura.

LXVII Congreso Chileno de Neurología, Psiquiatría y Neurocirugía, 2012.

-El balance TH1/TH17 predice discapacidad y respuesta a tratamiento en pacientes con esclerosis múltiple recurrente remitente.

Congreso Chileno de Radiología, Octubre 2016.

Módulo Neurorradiología – Simposio Esclerosis Múltiple. Control de EM en tratamiento. Evaluación en imágenes y seguimiento clínico.

Advancing in Neuroimmunology and Multiple Sclerosis ANIMUS 2016  
Deterioro Cognitivo Selectivo y Atrofia Cerebral en Esclerosis Múltiple.

LXXIII Congreso Chileno de Neurología, Psiquiatría y Neurocirugía, noviembre 2018. Pucón, Chile

Manejo del paciente inmunosuprimido, Módulo de Neuroinmunología

### **Presentations - INTERNATIONAL**

7th Latin American Congress of Multiple Sclerosis, Rio de Janeiro, Brazil, 2012.

-Month of Birth does not interfere with the prevalence of multiple sclerosis for south American patients at latitudes zero to 40 degrees.

30th International Epilepsy Congress, 2013.

-Continuous EEG monitoring in Critical Care.

30th International Epilepsy Congress, 2013.

-Prevalence of epilepsy in a cohort of patients with multiple sclerosis.

International Immunology Congress, 2013.

-Th1/Th17 imbalance in clinical subtypes of Multiple Sclerosis: association with disability and unresponsiveness to IFN- $\beta$  therapy in relapsing-remitting disease.

XXX ACTRIMS/ECTRIMS Conference, Boston, USA, 2014. Poster Presentation.

-Tissue specific brain volume changes on natalizumab: a 36 month follow-up using VBM.

-Measurement of cortical thickness and volume of subcortical structures in multiple sclerosis: agreement between 2D and 3D T1-weighted images.

VIII Congreso Latinoamericano de Esclerosis Múltiple (LACTRIMS), Lima, Perú, 2014.

-Evaluación de la adherencia a tratamiento inmunomodulador en pacientes controlados en el Centro de Esclerosis Múltiple de la Pontificia Universidad Católica de Chile.

VIII Congreso Latinoamericano de Esclerosis Múltiple (LACTRIMS), Lima, Perú, 2014.

-Seguridad en la primera dosis de fingolimod administrada de manera ambulatoria en pacientes controlados en el Centro de Esclerosis Múltiple de la Pontificia Universidad Católica de Chile.

VIII Congreso Latinoamericano de Esclerosis Múltiple (LACTRIMS), Lima, Perú, 2014.

-Evaluación del funcionamiento cognitivo y su correlación con el EDSS en pacientes controlados en el Centro de Esclerosis Múltiple de la Pontificia Universidad Católica de Chile.

VIII Congreso Latinoamericano de Esclerosis Múltiple (LACTRIMS), Lima, Perú, 2014.

-Efectividad y seguridad del tratamiento de segunda línea en pacientes controlados en el Centro de Esclerosis Múltiple de la Pontificia Universidad Católica de Chile.

VIII Congreso Latinoamericano de Esclerosis Múltiple (LACTRIMS), Lima, Perú, 2014.

-Evaluación de la calidad de vida, fatiga y depresión en pacientes controlados en el Centro de Esclerosis Múltiple de la Pontificia Universidad Católica de Chile.



ECTRIMS, Barcelona, Spain, 2015

- Galectin 8 autoantibodies are associated with relapsing remitting phenotype of multiple sclerosis and with poor prognosis
- Selective cognitive impairment is correlated with regional corpus callosum index in a cohort of relapsing remitting multiple sclerosis patients

ECTRIMS, London, England, 2016

- IB-MS decreases disability progression in patients with progressive forms of multiple sclerosis. A double blind placebo controlled study - Poster
- Differences in cognitive impairment and corpus callosum index between relapsing remitting and progressive multiple sclerosis in Chile - Poster
- Unipedal stance test evaluation in progressive multiple sclerosis - Poster
- Social Cognition is associated to selective cognitive impairment and brain atrophy in progressive multiple sclerosis - Oral presentation
- Grey matter and Corpus Callosum atrophy is associated with disability increase in natalizumab treated patients: a longitudinal three-year study using FreeSurfer - Poster

ECTRIMS, Paris, France 2017

- Corpus Callosum Index in MS patients with and without Epilepsy
- Multiple Sclerosis in Chile: demographics, clinical phenotypes and comorbidities
- Resting State in relapsing-remitting MS patients with verbal episodic memory or social cognition impairment and low level of motor disability
- Electrophysiological study of cognitive function through working memory in patients with multiple sclerosis

ECTRIMS, Berlin, Germany, October, 2018

- Efficacy, safety and tolerability of IB-MS versus placebo in patients with progressive forms of MS: preliminary results from a phase II, randomized, placebo-controlled, double blind, proof of concept study - Oral presentation
- Pregnancy outcomes in Chilean MS patients receiving interferon beta or glatiramer acetate: a longitudinal 8 year study - Poster
- Real-world performance of fingolimod in Chilean patients: a longitudinal 7 year study - Poster

-Abnormal network connectivity related to social cognition in relapsing remitting multiple sclerosis - Poster

LACTRIMS, Asunción, Paraguay, November 2018

-Radiological Follow-up, Brain Atrophy and local experience - Oral presentation

### **Courses and Conferences - NATIONAL ATTENDANCE**

LXIV Congreso Chileno de Neurología, Psiquiatría y Neurocirugía, Puerto Varas, 2009.

Capacitación en Reanimación Cardiopulmonar, Santiago, 2009.

Manejo Racional de las infecciones respiratorias agudas, Asociación Panamericana de Infectología, 2009.

VII Curso Interuniversitario de Medicina de Urgencia, Santiago, 2009.

Taller de Capacitación de Comunicación en Medicina, Santiago, 2007.

II Jornada de Uso Racional de Antimicrobianos, Santiago, 2009.

XXII Simposium Internacional de Dermatología: Avances en Cáncer Cutáneo, Santiago, 2009.

Simposio de actualización en uso de Inmunoglobulinas, Pontificia Universidad Católica de Chile, Santiago, 2010.

Simposio Internacional de Enfermedad de Huntington, Santiago, 2012.

V Simposio Internacional de Neurología de Santiago, Santiago, 2012.

Simposio Internacional de Medicina del Sueño, Santiago, 2012.

### **Courses and Conferences - INTERNATIONAL ATTENDANCE**

LACTRIMS, Río de Janeiro, 2012.

ECTRIMS/RIMS Joint Congress of the European Committee for Treatment and Research in Multiple Sclerosis, Copenhagen, 2013.

LXV Reunión Anual Sociedad Española de Neurología, Barcelona, 2013.

BRAI.NS, Barcelona, 2014..

EFNS-ENS Joint Congress of European Neurology, Estambul, 2014.

Stony Brook Mini Fellowship in Multiple Sclerosis, New York, Agosto 2015

Preceptorship: Neurological Rehabilitation in Multiple Sclerosis, Spaulding Rehabilitation Hospital, Boston, Octubre 2016.

### **Courses and Conferences - ORGANIZING COMMITTEE**

Simposio Internacional de Esclerosis Múltiple, Santiago, 2012.

I Simposio Multidisciplinario: Enfrentando a la Esclerosis Múltiple en el día a día, Santiago, 2016.

II Simposio Multidisciplinario: Enfrentando a la Esclerosis Múltiple en el día a día, Santiago, 2017.

III Simposio Multidisciplinario: Enfrentando a la Esclerosis Múltiple en el día a día, Santiago, 2018.

### **CLINICAL TRIALS**

2013 - 2015 : Co-investigador "Registro Chileno de pacientes con Esclerosis Múltiple".

2014 - 2017: Coinvestigador Proyecto Corfo Prototipos de Innovación Empresarial No 14 PIE 26946, " Desarrollo de una Droga en base a Andrografólido para las formas progresivas de Esclerosis Múltiple".

2015 - 2016: Sub-investigador TRIGEMINA

2015 - 2017: Subinvestigador Novartis FTY720D 2312

2017 - 2017: PI Novartis FTY 720D2403 - Phase IV Fingolimod

2018-ongoing ISS Teva Social Cognition in Multiple Sclerosis

### **Languages**

Spanish native

English advanced

Italian basic