

BIOGRAPHICAL SKETCH

BERENICE ANABEL SILVA

Buenos Aires, Argentina

Current Activity

<p>Silva, Berenice Anabel , MD, PhD, MsC</p>	<ol style="list-style-type: none">1- Neurologist of Multiple Sclerosis Clinic and Demyelinating Diseases. Ramos Mejía Hospital, University Centre of Neurology, School of Medicine. University of Buenos Aires, Argentina.2- Postdoctoral research fellow at Laborartorio de Terapias Regenerativas y Protectoras del Sistema Nervioso, Fundación Instituto Leloir and Instituto de Medicina Traslacional e Ingeniería Biomédica, Buenos Aires, Argentina.
--	---

Education			
Institution and Location	Degree	Year Conferred	Field of Study
School of Medicine, University of La Plata, Buenos Aires, Argentina	MD	2007	Medicine
Residency of Neurology, Ramos Mejía Hospital, University Centre of Neurology, School of Medicine. University of Buenos Aires, Argentina	Resident	2008-2012	Neurology
Rotation in Neuroimmunology Unit, Institute of Clinical Neurosciences, Carlos Haya University Hospital, Málaga, Spain	Rotating	March 2012	Multiple Sclerosis
Rotation in Cem-Cat (Multiple Sclerosis Centre of Catalonia) Department of Neurology-Neuroimmunology, Vall D'Hebron University Hospital, Barcelona, Spain	Rotating	January – february 2013	Multiple Sclerosis
PhD Student at Laborartorio de Terapias Regenerativas y Protectoras del Sistema Nervioso, Fundación Instituto Leloir and Instituto de Medicina Traslacional e Ingeniería Biomédica	PhD	December 2018	Multiple Sclerosis
Master in Neuroimmunology. University of Barcelona	MsC	Febr 2019	Multiple Sclerosis and Neuroimmunolgy

Research and Professional Experience

- Researcher (Phd student) at Laborartorio de Terapias Regenerativas y Protectoras del Sistema Nervioso, Fundación Instituto Leloir and Institute of Translational Medicine and Instituto de Medicina Traslacional e Ingeniería Biomédica of the Italian Hospital, Buenos Aires, Argentina, 2015-2018
- Postdoctoral researcher fellow at Laboratorio de Terapias Regenerativas y Protectoras del Sistema Nervioso, Fundación Instituto Leloir and, Argentina since 2019
- Member of Demyelinating Disease Group of Argentina Neurological Society.

Teaching experience

- Professor of Neurology, School of Medicine. University of Buenos Aires, Argentina.

National and International Meetings

- Attendance in ECTRIMS Congress 2011-2019 and LACTRIMS Congress 2016-2018

ECTRIMS Congress 2019

“Environmental enrichment induces microglia polarization and neurotrophin production in a focal chronic cortical model of multiple sclerosis” **Oral presentation in platform**

B.A. Silva^{1,2}, B. Erhardt¹, M.I. Farías¹, M.C. Leal¹, F. Pitossi¹, C.C. Ferrari^{1,2}

1. *Laboratorio de Terapias Regenerativas y Protectoras del Sistema Nervioso Central, Fundación Instituto Leloir, Buenos Aires, Argentina* 2. *Instituto de Medicina Traslacional e Ingeniería Biomédica, Buenos Aires, Argentina.*

This work was awarded as a Scientific Highlight of the Congress

ECTRIMS Congress 2018

“Environmental enrichment improves cognitive function and anxiety-like symptoms and decreases neuroinflammation in a focal cortical model of progressive Multiple Sclerosis”- Póster presentation

B.A. Silva^{1,2}, M.I. Farías¹, M.C. Leal¹, F. Pitossi¹, C.C. Ferrari^{1,2}

1. *Laboratorio de Terapias Regenerativas y Protectoras del Sistema Nervioso Central, Fundación Instituto Leloir, Buenos Aires, Argentina* 2. *Instituto de Medicina Traslacional e Ingeniería Biomédica, Buenos Aires, Argentina.*

MSParis2017 - 7th Joint ECTRIMS - ACTRIMS Meeting

“Meningeal inflammation correlates with neurodegeneration and glial activation in a chronic cortical focal animal model of Multiple Sclerosis”- Póster presentation

B.A. Silva^{1,2}, M. Leal¹, M. Farias¹, F. Pitossi¹, C. Ferrari^{1,2}

1. *Laboratorio de Terapias Regenerativas y Protectoras del Sistema Nervioso Central, Fundación Instituto Leloir, Buenos Aires, Argentina* 2. *Instituto de Medicina Traslacional e Ingeniería Biomédica, Buenos Aires, Argentina.*

“In vivo evolution by brain Magnetic Resonance Imaging of Interleukin 1 induced cortical demyelinating lesions in adult rats”- Póster presentation

B.A. Silva^{1,2}, J.C. Avalos³, M.I. Farías¹, M.C. Leal¹, C.H. Besada⁴, F.J. Pitossi¹, C.C. Ferrari^{1,2}

1. *Laboratorio de Terapias Regenerativas y Protectoras del Sistema Nervioso Central, Fundación Instituto Leloir, IBBA, CONICET, Buenos Aires, Argentina.*
2. *Instituto de Ciencias Básicas y Medicina Experimental, Instituto Universitario del Hospital Italiano, Buenos Aires, Argentina.*

3. *Unidad de Epilepsia, Departamento de Neurología, Hospital Italiano de Buenos Aires, Argentina.*
4. *Unidad de Neuroimágenes, Departamento de Diagnóstico por Imágenes, Hospital Italiano de Buenos Aires, Argentina.*

ECTRIMS Congress 2016:

“Role of blood-brain barrier in an animal model of cortical Progressive Multiple Sclerosis “- Póster presentation

Berenice Silva^{1,2}, María Celeste Leal¹, María Isabel Farías¹, Fernando Pitossi¹, Carina Ferrari^{1,2}.

1. *Laboratorio de Terapias Regenerativas y Protectoras del Sistema Nervioso Central, Fundación Instituto Leloir, Buenos Aires, Argentina* 2. *Instituto de Medicina Traslacional e Ingeniería Biomédica, Buenos Aires, Argentina.*

Relationship between Vitamin D levels and cognitive impairment, depression and fatigue in Relapsing Remitting Multiple Sclerosis Patients “ -Póster presentation

Silva B, Merino A, Eizaguirre B, Yastremis C., Pita C, Alonso R, Vanotti S, Garcea O.

Clínica de Esclerosis Múltiple y enfermedades desmielinizantes. Hospital JM Ramos Mejía, CABA

9 th World Congress of Neuroscience 2015, Río de Janeiro:

“A novel model of cortical inflammation: an approach for addressing Multiple Sclerosis Pathology”- Póster presentation

Berenice Silva^{1,2}, María Celeste Leal¹, María Isabel Farías¹, Fernando Pitossi¹ y Carina Ferrari^{1,2}.

1. *Laboratorio de Terapias Regenerativas y Protectoras del Sistema Nervioso Central, Fundación Instituto Leloir, Buenos Aires, Argentina* 2. *Instituto de Medicina Traslacional e Ingeniería Biomédica, Buenos Aires, Argentina.*

“Influence of systemic inflammation on an experimental model of Progressive Multiple Sclerosis”- Póster presentation

María Isabel Farías¹, **Berenice Silva**^{1,2}, María Celeste Leal¹, Fernando Pitossi¹ y Carina Ferrari^{1,2}.

1. *Laboratorio de Terapias Regenerativas y Protectoras del Sistema Nervioso Central, Fundación Instituto Leloir, Buenos Aires, Argentina* 2. *Instituto de Medicina Traslacional e Ingeniería Biomédica, Buenos Aires, Argentina.*

Euroglia Congress 2015, Bilbao:

“Chronic cortical inflammation as a novel experimental model of progressive Multiple Sclerosis. Influence of the innate immune system”- Póster presentation Carina Ferrari^{1,2}, **Berenice Silva**^{1,2}, María Celeste Leal¹, María Isabel Farías¹, Verónica Cavallieri Candedo¹, Fernando Pitossi¹.

1. *Laboratorio de Terapias Regenerativas y Protectoras del Sistema Nervioso Central, Fundación Instituto Leloir, Buenos Aires, Argentina* 2. *Instituto de Medicina Traslacional e Ingeniería Biomédica, Buenos Aires, Argentina*

ECTRIMS Congress 2015:

“A new animal model of cortical neuroinflammation induces neurodegeneration and cognitive impairment as an approach to the progressive forms of Multiple Sclerosis”- Póster presentation

Berenice Silva^{1,2}, María Celeste Leal¹, María Isabel Farías¹, Verónica Candedo¹, Fernando Pitossi¹ y Carina Ferrari^{1,2}.

1. *Laboratorio de Terapias Regenerativas y Protectoras del Sistema Nervioso Central, Fundación Instituto Leloir, Buenos Aires, Argentina* 2. *Instituto de Medicina Traslacional e Ingeniería Biomédica, Buenos Aires, Argentina*

Publications

- Would it be recommended treating multiple sclerosis relapses with high dose oral instead intravenous steroids during the COVID-19 pandemic? Yes
Constanza Segamarchi, **Berenice Silva**, Patricia Saidon, Orlando Garcea, Ricardo Alonso
Multiple Sclerosis and Related Disorders [Volume 46](#), November 2020, 102449
- Decision-making on management of ms and nmosd patients during the COVID-19 pandemic: A latin american survey
Alonso Ricardo, Carnero Contentti Edgar, **Silva Berenice Anabel**, López Pablo, Garcea Orlando, Hamuy Fernando, Rivera Víctor, Gracia Fernando, Rojas Juan Ignacio
Multiple Sclerosis and Related Disorders [Volume 44](#), September 2020, 102310
- "Training the brain: Could it improve Multiple Sclerosis treatment?"
Berenice Anabel Silva, Esteban Miglietta and Carina Cintia Ferrari. Rev Neurosc 2020, in press

- Environmental enrichment improves cognitive symptoms and pathological features in a focal model of cortical damage of Multiple Sclerosis

Berenice Anabel Silva, María Celeste Leal, María Isabel Farías, Brenda Erhardt, Pablo Galeano, Fernando Juan Pitossi, Carina Cintia Ferrari. Brain Res. 2020 Oct 24:146520.

- Environmental enrichment as a promising strategy for aiding multiple sclerosis treatment.

Silva BA, Ferrari CC. Neural Regen Res. 2020 Sep;15(9):1660-1661

- Brain Function Assessment of Patients with Multiple Sclerosis in the Expanded Disability Status Scale: A Proposal for Modification.

Alonso RN, Eizaguirre MB, **Silva BA**, Pita MC, Yastremiz C, Vanotti S, Cáceres F, Garcea O. Int J MS Care. 2020 Jan-Feb;22(1):31-35.

- Multiple sclerosis and neuromyelitis optica spectrum disorders in Argentina: comparing baseline data from the Argentinean MS Registry (RelevarEM).

Rojas JI, Serena MA, Garcea O, Patrucco L, Carrá A, Correale J, Vrech C, Pappolla A, Miguez J, Doldan ML, Silveira F, Alonso R, Cohen L, Pita C, **Silva BA**, Fiol M, Gaitán MI, Marrodan M, Negrotto L, Ysrraelit MC, Deri N, Luetic G, Caride A, Contentti EC, Lopez PA, Pettinicchi JP, Curbelo C, Martinez AD, Steinberg JD, Balbuena ME, Tkachuk V, Burgos M, Knorre E, Leguizamon F, Piedrabuena R, Liwacki SDV, Barboza AG, Nofal P, Volman G, Pinheiro AA, Hryb J, Tavolini D, Blaya PA, **Silva E**, Blanche J, Tizio S, Cáceres F, Saladino ML, Zanga G, Fracaro ME, Sgrilli G, Cassara FP, Vazquez G, Sinay V, Menichini ML, Lazaro L, Cabrera LM, Bestoso S, Divi P, Jacobo M, Kohler E, Kohler M, Giunta D, Mainella C, Manzi R, Marcilla MP, Viglione JP, Martos I, Reich E, Jose G, Cristiano E, Liguori NF; on behalf RelevarEM investigators. Neurol Sci. 2020 Jan 20.

- Consensus recommendations on the management of multiple sclerosis patients in Argentina.

Cristiano E, Rojas JI, Alonso R, Alvez Pinheiro A, Bacile EA, Balbuena ME, Barboza AG, Bestoso S, Burgos M, Cáceres F, Carnero Contentti E, Curbelo MC, Deri N, Fernandez Liguori N, Gaitán MI, Garcea O, Giunta D, Halfon MJ, Hryb JP, Jacobo M, Kohler E, Luetic GG, Maglio I, Martínez AD, Míguez J, Nofal PG, Patrucco L, Piedrabuena R, Rotta

Escalante R, Saladino ML, **Silva BA**, Sinay V, Tkachuk V, Villa A, Vrech C, Ysraelit MC, Correale J. J Neurol Sci. 2020 Feb 15;409:116609.

- The Argentinean multiple sclerosis registry (RelevarEM): Methodological aspects and directions.

Rojas JI, Carrá A, Correale J, Cristiano E, Fernández Liguori N, Alonso R, Alvez Pinheiro A, Balbuena ME, Barboza AG, Bestoso S, Blaya PA, Burgos M, Cabrera LM, Caride A, Carnero Contentti E, Cohen L, Curbelo C, Deri N, Divi P, Fiol M, Fracaro ME, Gaitán MI, Hryb J, Jacobo M, Knorre E, Leguizamon F, Giunta D, Alonso Serena M, Doldan ML, De Lio GF, Liwacki SDV, Lopez PA, Luetic G, Mainella C, Manzi R, Marrodan M, Martinez AD, Miguez J, Negrotto L, Nofal P, Parada Marcilla M, Pettinicchi JP, **Silva BA**, Silva E, Silveira F, Steinberg JD, Tavolini D, Tizio S, Tkachuk V, Vazquez G, Volman G, Vrech C, Ysraelit MC, Zanga G, Garcea O, Patrucco L. Mult Scler Relat Disord. 2019 Jul;32:133-137

- Cortical and meningeal pathology in progressive multiple sclerosis: a new therapeutic target?

Berenice Anabel Silva y Carina Cintia Ferrari. Rev Neurosci. 2018 Jul 26, [Epub ahead of print]

- A new focal model resembling features of cortical pathology of the progressive forms of multiple sclerosis: influence of innate immunity

Berenice Anabel Silva, María Celeste Leal, María Isabel Farías, Juan Carlos Avalos, Cristina Hilda Besada, Fernando Juan Pitossi, Carina Cintia Ferrari. Brain Behavior and Immunity 2018; 69: 515-531

- Traffic Lights Intervention Reduces Therapeutic Inertia: A Randomized Controlled Trial in Multiple Sclerosis Care

Saposnik G, Mamdani M, Montalban X, Terzaghi M, **Silva B**, Saladino ML, Tobler PN, Cáceres F. MDM Policy Pract. 2019 Jun 21;4(1):2381468319855642. doi: 10.1177/2381468319855642. eCollection 2019 Jan-Jun.

- The Role of Prescribing Generic (Non-proprietary) Drugs in the Prevalence of Therapeutic Inertia in Multiple Sclerosis Care

Saposnik G, Mamdani M, Terzaghi M, Saladino ML, **Silva B**, Tobler PN, Cáceres F

- Changes in the Multiple Sclerosis Treatment Paradigm. What Do We Do Now and What Were We Doing Before?

Alonso R, Eizaguirre MB, Zavala L, Pita C, **Silva B**, Garcea O. J Clin Neurol. 2018 Oct;14(4):487-491

- The Role of Information Processing Speed in Clinical and Social Support Variables of Patients with Multiple Sclerosis.

Eizaguirre MB, Vanotti S, Merino Á, Yastremiz C, **Silva B**, Alonso R, Garcea O. J Clin Neurol. 2018 Oct;14(4):472-477

- Everything you always wanted to know about sex and Neurology: neurological disability and sexuality.

Nasimbera A, Rosales J, **Silva B**, Alonso R, Bohorquez N, Lepera S, Garretto N, Arakaki T, Garcea O, Rey R, Quarracino C, Rodriguez GE. Arq Neuropsiquiatr. 2018 Jul;76(7):430-435.

- Objective and subjective prospective memory in patients with relapsing remitting multiple sclerosis.

Cores EV, Vanotti S, Osorio M, **Silva B**, Garcea O, Politis DG. Vertex. 2017 Jul;28(134):253-259.

- Argentinian recommendations on the identification of treatment failure in relapsing remitting multiple sclerosis patients

Autores: Edgardo Cristiano, Ricardo Alonso, Amelia Alvez Pinheiro..., **Berenice Silva**, ...Jorge Correale. Journal of the Neurological Sciences 385 (2018) 217-224

- Increasing prevalence of multiple sclerosis in Buenos Aires, Argentina

Autores: E Cristiano, L Patrucco J Miguez , D Giunta , J Correale , M Fiol, M C Ysraelit, F Cáceres , N Fernandez Liguori , M L Saladino , O Garcea B Silva, R Alonso · A Carrá , M C Curbelo , A Martinez , J Steinberg , S Giachello , M O Melcom J I Rojas Multiple Sclerosis and Related Disorders 9 (2016) 91-94

