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EDUCATION:

2001-2006 **Ph.D., Neuroscience**
University of Buenos Aires, School of Pharmacy and Biochemistry,
Buenos Aires, Argentina.

1995-2000 **Graduated in Biochemistry**,
University of Buenos Aires, School of Pharmacy and Biochemistry,
Buenos Aires, Argentina.

PROFESSIONAL EXPERIENCE:

2013-present **Senior Research Scientist**
Hunter James Kelly Research Institute
School of Medicine and Biomedical Sciences
University at Buffalo, The State University of New York

2011-2012 **Staff Research Associated**
Intellectual and Developmental Disabilities Research Center
David Geffen School of Medicine
University of California at Los Angeles

2006-2011 **Postdoctoral Scholar**
Department of Human Genetics, David Geffen School of Medicine
University of California at Los Angeles

2000-2006 **Academic Tutor/Teaching Assistant**
Laboratory of Neuroscience, Department of Cell Biology
School of Pharmacy and Biochemistry
University of Buenos Aires, Argentina.

2000-2005 **Research Assistant and Instructor**
Laboratory of Neuroscience, Department of Cell Biology
School of Pharmacy and Biochemistry
University of Buenos Aires, Argentina.

HONORS AND AWARDS:

2003. American Society for Neurochemistry, Young Investigator Educational Enhancement Award.
2004. Young Investigators Travel Award, First Special Neurochemistry Conference (Avignon, France).
2005. Fellowship from the Committee for Aid and Education in Neurochemistry of the International Society for Neurochemistry.
2005. International Brain Research Organization (IBRO) Fellowship.
2006. American Society for Neurochemistry, Young Latin American Scholars Award.
2013. Young Investigators Travel Award, International Society for Neurochemistry and American Society for Neurochemistry.

LECTURES:

2009. Seventh World Symposium on Genetic Vision Disorders. The Vision of Children Foundation. San Diego, California, USA. May 2009. **Cheli VT**. Drosophila models of Hermansky-Pudlak Syndrome.

BIBLIOGRAPHY:

Research Papers - Peer Reviewed

1. **Cheli VT**, Adrover MF, Blanco C, Rial Verde E, Guyot-Revol V, Vidal R, Martin E, Alché L, Sanchez G, Acerbo M, Epstein AL and Jerusalinsky D (**2002**). Gene transfer of NMDAR1 subunit sequences to the rat CNS using Herpes Simplex Virus vectors interfered with habituation. *Cellular and Molecular Neurobiology,* 22(3):303-314.

2. Adrover MF, Guyot-Revol V, **Cheli VT**, Blanco C, Vidal R, Alché L, Kornisiuk E, Epstein AL and Jerusalinsky D (**2003**). Hippocampal infection with HSV-1-derived vectors expressing an NMDAR1 antisense modifies behavior. *Genes Brain and Behabior,* 2(2):103-113.

3. **Cheli VT**, Adrover M, Blanco C, Ferrari C, Cornea A, Pitossi F, Epstein AL, Jerusalinsky D (**2006**). Knocking-down the NMDAR1 subunit in a limited amount of neurons in the rat hippocampus impairs learning. *Journal of Neurochemistry,* 97(1):68-73.

4. Ghiani CA, Starcevic M, Rodriguez-Fernandez IA, Nazarian R, **Cheli VT**, Chan LN, Malvar JS, de Vellis J, Sabatti C, Dell'Angelica EC (**2010**). The dysbindin-containing complex (BLOC-1) in brain: developmental regulation, interaction with SNARE proteins and role in neurite outgrowth. *Mol Psychiatry.* 15(2):204-15.

5. **Cheli VT**, Daniels RW, Godoy R, Hoyle DJ, Kandachar V, Starcevic M, Martinez-Agosto JA, Poole S, DiAntonio A, Lloyd VK, Chang HC, Krantz DE, Dell'Angelica EC (**2010**). Genetic modifiers of abnormal organelle biogenesis in a Drosophila model of BLOC-1 deficiency. *Hum Mol Genet.* 19(5):861-78.

6. **Cheli VT**, Dell'Angelica EC (**2010**). Early origin of genes encoding subunits of biogenesis of lysosome-related organelles complex-1, -2 and -3. *Traffic.*11(5):579-86.

7. Paez PM, **Cheli VT**, Spreuer V, Handley V and Campagnoni AT (**2012**). Golli myelin basic proteins stimulates oligodendrocyte progenitor cell proliferation and differentiation in the remyelinating adult brain. *Glia 60: 1078-1093.*

8. **Cheli VT** and Dell'Angelica EC (**2013**). Independent evolution of eukaryotic VPS9-domain-containing activators of early endosomal Rab GTPases. *Traffic. (submited)*

Research Papers - Peer Reviewed (in preparation)

1. **Cheli VT**, Rodriguez-Fernandez IA, Paez PM, Krant D, Martinez-Agosto J, Dell'Angelica EC. (**2013**). Effect of Rabex-5 mutations, a tumor suppression gene, on brain development in Drosophila melanogaster.

2. Paez PM, **Cheli VT**, Spreuer V, Handley V and Campagnoni AT (**2013**). Voltage-gated Ca^{++} entry promotes oligodendrocyte progenitor cells maturation and myelination.

3. Paez PM, **Cheli VT**, Spreuer V, Handley V and Campagnoni AT (**2013**). Golli myelin basic proteins modulate neuronal Ca^{++} uptake and process outgrowth in brain regions associated with schizophrenia.

ABSTRACTS:

2001. M Adrover, C Blanco, **VT Cheli**, V Revol, R Vidal, L Alché, G Sánchez, A Epstein and D Jerusalinsky. Hippocampal expression of antisense NR1 sequence carried by HSV-1 vectors interfered with memory. *Journal of Neurochemistry* 78:14 (AP04-13).

2002. **VT Cheli**, M Adrover, V Guyot-Revol, C Blanco, R Vidal, P Vazquez, L Alche, A Epstein and D Jerusalinsky. Viral vectors carrying NR1 sequences injected into rat hippocampus interfered with learning and memory. *Journal of Neurochemistry* 81 (Suppl. 1): 23.

2003. **VT Cheli**, M Adrover, C Blanco, R Vidal, V Guyot-Revol, E Martın, A Epstein and D Jerusalinsky. NMDAR subunit antisense gene transfer into rat dorsal hippocampus by HSV-1 derived neurotropic vectors modifies behavior. *Journal of Neurochemistry* 85 (Suppl. 1), 72.

2005. **VT Cheli**, M Adrover, C Blanco, J Thomas, A Epstein and D Jerusalinsky. Identification and quantitation of hippocampal neurons transduced by HSV-1 vectors carrying sense and antisense NR1 transgenes. *Journal of Neurochemistry* 94 (Suppl. 1), 82.

2006. VT Cheli, M Snitcofsky, N Coletis, C Blanco, G Sanchez, MJ Quillfedt, E Kornisiuk and D Jerusalinsky. Role of glutamate NMDA receptor containing NR2B subunit in memory consolidation in the hippocampus. *Journal of Neurochemistry* 96 (Suppl. 1): 102.

2008. VT Cheli, R Godoy, IA Rodriguez-Fernandez, VK Lloyd, DE Krantz, E Dell'Angelica. Genetic Analysis of Biogenesis of Lysosome-related Organelles Complex-1 (BLOC-1) Subunit 1 (Blos1) in Drosophila melanogaster. *Mol. Biol. Cell* 19 (suppl), 82/B23.

2009. IA Rodriguez-Fernandez, **VT Cheli**, E Dell'Angelica. A Data-mining Approach to Prioritize Candidate Binding Partners of Biogenesis of Lysosome-related Organelles Complex-1 (BLOC-1). *Mol. Biol. Cell* 19 (suppl), 1264/B474.

PROFESSIONAL SOCIETY MEMBERSHIPS

Society for Neuroscience
International Society for Neurochemistry
American Society for Neurochemistry
Argentine Society for Neurochemistry