

**Curriculum Vitae**

**Carlos Feleder**

**MD, PhD.**

**2016**

## **Carlos Feleder MD, PhD.**

### **Personal Data**

Date of Birth: 10/13/1967

Place of Birth: Buenos Aires, Argentina

Ciudadano Argentino y

USA Citizen

Affiliation: Associate-Professor with Tenure

## **EDUCATIONAL BACKGROUND**

### **A. MEDICAL**

- ◆ **M.D.** 1992 - School of Medicine, University of Buenos Aires, Buenos Aires, Argentina.

### **B. PRE-DOCTORAL**

1992-1993: Research Fellow (beca de iniciacion, UBA), Department of Physiology, School of Medicine, University of Buenos Aires.

1994-1996: Research Fellow of the European Community. Volkswagen Foundation, Frauenklinik fur Experimentelle Endokrinologie, University George-August, Gottingen, Germany. Director: Prof. Dr. Wolfgang Wuttke.

1996-1997: Research Fellow (beca de perfeccionamiento, UBA), Department of Physiology, School of Medicine, University of Buenos Aires. Director: Prof. Dr. Jaime A. Moguilevsky

### **C. GRADUATE**

- ◆ **Ph.D.** 1997 – School of Medicine, Department of Physiology, University of Buenos Aires. (Doctor in Neuroscience), in collaboration with the Frauenklinik fur Experimentelle Endokrinologie, University George-August, Göttingen, Germany, under the direction of Prof. Dr. Moguilevsky, Prof. Dr. Wuttke, and Prof. Dr. Jarry. Qualification: Outstanding.

**D. POSTGRADUATE**

1998: Postdoctoral Research Fellow, Department of Physiology, School of Medicine, University of Buenos Aires.

1999-2002: Research Assistant, National Research Council (CONICET). Buenos Aires. Director: Prof. Dr. Jaime A. Moguilevsky. (Adjunct 2000- 2002).

2000-2001: Postdoctoral Research Associate, Department of Genetics, St. Jude Children's Research Hospital, Memphis, Tennessee, USA.

2001-2002: Postdoctoral Research Associate, Department of Physiology, University of Tennessee, Health Science Center (UTHSC), Memphis, Tennessee, USA.

2002-2004: Instructor, Department of Physiology, School of Medicine (UTHSC), Memphis, Tennessee, USA.

2004-2005: Assistant-Professor, Department of Physiology (UTHSC), Memphis, Tennessee, USA.

2005-2009: Assistant-Professor tenure-track, Albany College of Pharmacy, Department of Basic and Pharmaceutical Sciences.

2005-2010: Principal Investigator, Stratton VA medical Center, Research Department, Albany, NY.

2005-2104: Co-Founder and Principal Investigator, Center for Computational Nano-Neuroscience, State University of New York, Albany, NY.

2009-present: Associate-Professor with Tenure, Albany College of Pharmacy and Health Sciences, Department of Pharmaceutical Sciences. Associate Professor of Pharmacology, Clinical Research, Pharmacovigilance and Regulatory Sciences.

2016: Director de Investigacion UCES.

## **F. SPECIAL WORKSHOPS**

August-September 1998: Learning of Techniques for molecular biology (RT-PCR). Frauenklinik fur Experimentelle Endokrinologie, University George-August, Gottingen, Germany. Director: Prof. Dr. Hubertus Jarry

July-October 1999: Preparation of transgenic and knock-out mice. St Jude Children's Research Hospital, Memphis, Tennessee, USA. Supervisor: Professor Beatriz Sosa Pineda.

## **HONORS AND AWARDS**

- 1992-1993: University of Buenos Aires, Argentina (fellowship).
- 1994-1996: The European Community. Volkswagen Foundation, University George-August, Gottingen, Germany (fellowship).
- 1996-1997: University of Buenos Aires, Argentina (fellowship).
- 1998: University of Buenos Aires, Argentina (fellowship).

- 1999: First Prize, Congress of Argentinian Society for Clinical Investigation and the Argentinian Society of Experimental Pharmacology, Mar del Plata, Argentina. Feleder C, Wuttke W, Moguilevsky JA, Arias P. "Effects of the GABAergic activation on LHRH, glutamate and taurine release during sexual maturation in female rats. In vivo and in vitro studies.
- 1999-2002: National Research Council (CONICET), Buenos Aires, Argentina.

## **SOCIETY MEMBERSHIPS**

- 2001-2006: Society for Neuroscience (full member)
- 2001-2006: Sigma Xi Research Society (full member)
- 2001-2006: American Society for Microbiology (full member)
- 2001-2006: Institute of Neuroscience, UTHCS (member)
- 2001-2015: The Society of Latin American Physicians (member)
- Present: American Foundation for Pharmaceutical Education (full member)
- Present: Bioconnex, Region's Biotech Community
- 2011-2015 : American Society of Pharmacology and Experimental Therapeutics (Counselor, Upstate NY Chapter)

## **PROFESSIONAL APPOINTMENTS**

(Note regarding overlaps of positions: due to the limited salaries of faculty members, it is not unusual; indeed it is the rule that in South America Scientists hold several positions at the same time, working in a public university and in a private university. (At one point, I held six such part-time positions).

## TEACHING

1. 1992-1994: Teaching assistant, Department of Physiology, School of Medicine, University of Buenos Aires.
2. 1992-1994: Teaching assistant, Department of Physiology, School of Medicine, University Maimonides, Buenos Aires, Argentina.
3. 1995-1996: Instructor, first-year course, School of Medicine, University of Buenos Aires, Argentina. Subjects taught: Biology, Anatomy, General Physiology and Histology.
4. 1996-2000: Instructor, Department of Physiology, School of Medicine, University of Buenos Aires (Adjunct 2000 – 2001).
5. 1996-2000: Professor Career in Gynecological Endocrinology, intensive modality, University of Biomedical Sciences (IUCB) Rene Favaloro, Buenos Aires. Subjects taught: Physiology, Molecular Biology, Neuroscience, Neuroimmunology-Immunology.
6. 1997-2002: Professor, Master of Psychoneuroimmunoendocrinology, University of Biomedical Sciences (IUCB) Rene Favaloro, Buenos Aires. (Adjunct year 2000-2002). Subjects taught: Physiology, Neuroendocrinology, Molecular Biology, Neuroscience, Psychoneuroimmunology.
7. 1998- 2002: Professor of Postgraduate Training, University of Biomedical Sciences (IUCB) Rene Favaloro, Buenos Aires. (Adjunct year 2000- 2002). Subjects taught: Physiology, Endocrinology, Molecular Biology, Neuroscience, Psychoneuroimmunology.

8. 1998-2000: Lecturer, Career in Endocrinology course, Society of Endocrinology and Metabolism, Buenos Aires. Subjects taught: Physiology, Neuroendocrinology, Molecular Biology, Neuroscience, Neuroimmunology.
9. 1998-2000: Lecturer, Course of Psychosomatic Illnesses, Hospital Marie Curie, Buenos Aires. Subjects taught: Physiology and Endocrinology.
10. 2005-present: Albany College of Pharmacy and Health Sciences, Department of Pharmaceutical Sciences.

## **STUDENTS AND THESIS SUPERVISED**

- ◆ Damian Refojo: Pre-PhD Fellow, Department of Physiology, School of Medicine, University of Buenos Aires, 1997-1998.
- ◆ Cristof Burg: Pre-PhD diploma arbeit, Department of Experimental Endocrinology, University George-August Gottingen, 1994-1996.
- ◆ I have supervised the execution of experiments and publication of 40 pre-doctoral students in the School of Medicine of the University of Buenos Aires and the University Favaloro, School of Medicine.
- ◆ Sertac Yilmaz: Postdoctoral Fellow, Department of Pharmaceutical Sciences, Albany College of Pharmacy, 2005-2007.
- ◆ Diana Khalil: PharmD student, Department of Basic of Pharmaceutical Sciences, Albany College of Pharmacy, 2005-2006.



- ◆ Brian Myer: Undergraduate Student, Department of Basic of Pharmaceutical Sciences, Albany College of Pharmacy, 2005-2006.
- ◆ Joshua Marlow (BSPS student and Summer Research). He tested the hypothesis that splenectomized guinea pigs develop hypothermia to moderate doses of LPS.
- ◆ Co-director: Medical Doctor Cecilia Vazquez's PhD studies at the University of Buenos Aires, Argentina, School of Medicine, Department of Physiology. Project: Prenatal stress; effect on the innate immune response in adult male rats.
- ◆ Alex Villanueva (BSPS student and Summer Research)
- ◆ Patel, Priyankiben, (BSPS student) 2007.
- ◆ John Cosmello (PharmD student/Research assistant), 2008
- ◆ Xiujuan Yao (PhD student) 2008-2010, International Director.
- ◆ Matthias Mohn (Master Student) 2012, Thesis Director
- ◆ Jianya Peng (Master Student) 2012-14, Thesis Director
- ◆ James Janes (BSPS student) 2011-present, Lab advisor
- ◆ Vincenzo Russo (BSPS student) 2011-present, Lab advisor
- ◆ Hunter MacDonald (BSPS student) 2011-present. Lab advisor
- ◆ Harshita Rane, MSPS Thesis Committee member, 2012-2014
- ◆ Ritesh Sodvadia, MSPS Thesis Committee member, 2012-2014
- ◆ Johdi-Ann Francis, MSPS Thesis Committee member, 2012-2014
- ◆ Jing Liu, MSPS, Thesis Committee member and thesis Advisor, 2013-2015.

## **Participation in International Conferences and Meetings as Invited Speaker**

- Pan-American Congress of Gynecological Endocrinology: "Effect of Immune System on the Hypothalamus." Buenos Aires, Argentina, 1998.
- 7th World Congress of Gynecological Endocrinology: "The relationship between the Immune system and DHEA." Buenos Aires, Argentina, 1999.
- "A rapid communication route between the immune system and the brain in systemic inflammation: the role of the spleen". Department of Biology, Jackson State University, Jackson. Mississippi. January 2005.
- "A novel role of the Spleen in fever regulation. Department of Pharmaceutical Sciences, Albany College of Pharmacy, Albany, New York. February 2005.
- "The bones of the Skull". Department of Biology, Wagner College, Staten Island, New York. March 2005.
- Neuroimmune-endocrine-regulation of the reproductive axis. Women's Health Research Institute, Wyeth Laboratories, Philadelphia, PA. March 2005.
- From the Liver to the Preoptic Anterior hypothalamic Area: Signaling the Brain during the febrile response induced by Bacterial Endotoxin. State University of New York, Albany, NY, Center for Collaborative Computational Neuroscience, November 2005. **Presenter: Carlos Feleder**
- "The role of the Spleen in the Febrile Response" The University of Buenos Aires,

Argentina, School of Medicine, Department of Physiology, July 2006.

**Presenter: Carlos Feleder**

- "Afferent and Efferent signaling during the Inflammatory Response" The Favaloro Foundation & University, Graduate Department, Buenos Aires, July 2006. **Presenter: Carlos Feleder**
- "From the Liver to the Brain: The Role of Complement" The National University of Mar del Plata, Buenos Aires, Argentina, July 2006. **Presenter: Carlos Feleder**
- "The Preoptic Anterior Hypothalamic Area Neuronal Network Initiates Bacterial Hypotension during Septic Shock" The University of Buenos Aires, Argentina, School of Medicine, Department of Physiology, December 2007. **Presenter: Carlos Feleder**
- "The Preoptic Anterior Hypothalamic Area Neuronal Network Initiates Bacterial Hypotension during Septic Shock" The Favaloro Foundation & University, Graduate Department, Buenos Aires, December 2007. **Presenter: Carlos Feleder**
- "Endocannabinoids in the Preoptic Anterior Hypothalamic Area Initiates Bacterial Hypotension during Septic Shock" The Albany Medical College, Department of Neuropharmacology & Neuroscience, February, 2008. **Presenter: Carlos Feleder**
- "The Preoptic Anterior Hypothalamic Neuronal Ensemble Initiates Bacterial Hypotension during Septic Shock" University of La Plata, School of Pharmacy, Department of Physiology, Buenos Aires, December 2008. **Presenter: Carlos Feleder**
- "Endocannabinoids in the Preoptic Anterior Hypothalamic Area Initiates  
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Bacterial Hypotension during Septic Shock” Universidad de Santiago de Compostela, School of Pharmacy, Spain February 2009. **Presenter: Carlos Feleder**

- The Preoptic Anterior Hypothalamic Neuronal Ensemble Initiates Bacterial Hypotension during Septic Shock” Symposium at the Turkish Congress of Clinical Pharmacology. November 3-7 2009. **Presenter: Carlos Feleder**
- Graduate Programs in the US. 2011 BIO International Conference: Turkey-US State Department conference. Washington, DC. July 2011. **Presenter: Carlos Feleder**
- Endocannabinoids in the preoptic anterior hypothalamic area initiates bacterial hypotension during septic shock. CIFARP – 8th International Congress of Pharmaceutical Sciences, Ribeirao Preto, Brazil. August 21-24, 2011. **Presenter:**
- Brain endocannabinoids initiates bacterial hypotension during septic shock. Pharmaceutical Research Institute, September 2011. **Presenter: Carlos Feleder**
- Brain endocannabinoids initiates bacterial hypotension during septic shock. Florida International University, School of Medicine. November 2011. **Presenter: Carlos Feleder**
- Qualitative and Quantitative Characterization of Prostaglandins in LPS-Challenged Guinea Pig Spleen. ACPHS 2nd Annual Research Forum on Saturday, January 21, 2012. **Presenter: Carlos Feleder**
- The central nervous system controls LPS hypotension during septic shock.

AMC-ACPHS Research Colloquium, February 20, 2012. **Presenter: Carlos Feleder**

- Brain endocannabinoids initiates bacterial hypotension and lung inflammation during septic shock. 4th International meeting on physiology and pharmacology of temperature regulation. Buzios, Brazil. March 21-25, 2012. **Presenter: Carlos Feleder**
- Brain endocannabinoid receptors mediate endotoxic hypotension and lung inflammation during Septic Shock. University of Mar del Plata, School of Psychology, Argentina. September 2012.
- Brain endocannabinoids initiate bacterial hypotension and lung inflammation during septic shock. ACPHS 3rdAnnual Research Forum, January, 2013.
- The University of Buenos Aires Laboratory of Neuroscience. The Preoptic anterior hypothalamus controls LPS hypotension. Carlos Feleder. November 2013.
- Hypothalamic endocannabinoids mediate LPS-induced hypotension and lung inflammation during septic shock. University of Buenos Aires, School of Medicine, Department of Physiology, Argentina. May 2013.
- The University of Buenos Aires, School of Medicine, Department of Physiology. Central Nervous System Controls Septic Shock. Carlos Feleder. March, 2104
- The University of Santiago de Compostela, School of Pharmacy. The

Hypothalamus modulates lung inflammation and blood pressure during septic Shock. Carlos Feleder. June 2014.

- The National University of Lanus, Buenos Aires, Argentina. The Central Nervous System Controls Septic Shock. Carlos Feleder. May 12, 2104.
- Invited Conference Speaker to discuss the current status of Science in the US. The National University of Lanus, Buenos Aires, Argentina. May, 2014.
- Brain endocannabinoids initiates bacterial hypotension and lung inflammation during septic shock. University of Belgrano, Argentina, 2014.
- Brain endocannabinoids initiates bacterial hypotension and lung inflammation during septic shock. The University of Sao Pablo, Department of Pharmacology Brazil, 2104
- Brain endocannabinoids initiates bacterial hypotension and lung inflammation during septic shock. The University of Sao Pablo, Department of Immunology Brazil, 2014.
- Science, Creativity and Research, High School Conference, Buenos Aires, Argentina, 2015.
- Art, Science and Critical thinking, High School Conference, Buenos Aires, Argentina, 2015.
- Inflammation and psychiatric disorders, depression and anxiety. Favaloro University, School of Medicine, 2015.
- Brain endocannabinoids initiates bacterial hypotension and lung inflammation during septic shock. Favaloro University, 2015.
- Brain endocannabinoids initiates bacterial hypotension and lung inflammation during septic shock. University Barcelo, School of Medicine, 2015.

- Organizing Committee Member of the 2nd Annual International Conference on Pharmacology & Pharmaceutical Sciences to be held on 27th – 28th October 2014 in Singapore.
- Organizing Committee Member of the 6th International Conference on Genomics & Pharmacogenomics" (Genomics-2016), September 12-14, 2016 in Berlin, Germany.
- 4th Annual European Pharma Congress" July 18-20, 2016 which is going to be held at Berlin, Germany as Organizing Committee Member (OCM) of the congress.
- Organizing Committee member and a speaker at the upcoming "International Conference and Exhibition on Pharmaceutical Chemistry" on September 08-10, 2016. This conference will be held at Frankfurt, Germany.
- Organizing Committee member and a speaker at the Biopharma 2016 2nd International Conference and Expo on Biopharmaceutics, Sep 17-19 San Antonio, USA.
- Organizing Committee Member at the 2nd International Conference on Therapeutic Drug Monitoring and Toxicogenomics to be held during June 09-10, 2016 in Dallas, USA.

## RESEARCH INTEREST

Psychoneuroimmunology, Neuropharmacology, Peripheral and central control of host defense mechanisms (neuroimmunomodulation-neuroimmunoendocrinology): sepsis, septic Shock, endotoxic fever, endotoxic hypothermia, acute-phase proteinemic, endocrine, and immune responses; associated neuro- and immunomodulators: monoamines, prostanoids, peptides; CNS effects of cytokines: sources, targets, and modes of action.

## SPECIALIZED RESEARCH TECHNIQUES

**Molecular Biology:** PCR; RT-PCR; genotyping, cloning, transgenic and knock-out mice techniques; isolation of DNA and mRNA, southern and northern blots.

**In Vitro:** HPLC-EC and UV; radioimmunoassay; enzymeimmunoassays; cell culture; confocal laser scanning microscopy; immunohistochemistry; isolated perfused ovary preparation; isolated perfused hypothalamus preparation

**In Vivo:** Large and small animal surgery, e.g., adrenalectomy, splenectomy; vein and artery cannulations, e.g., jugular, portal, etc; intracerebral microdialysis, push-pull perfusion, microinjections; and micropunch.

## SKILLS & LANGUAGES

Fluent in English and Spanish, working knowledge of German



## FINANCIAL SUPPORT

- 1992-1993: University of Buenos Aires, Argentina (fellowship).
- 1994-1996: The European Community. Volkswagen Foundation, University George-August, Gottingen, Germany (fellowship).
- 1996-1997: University of Buenos Aires, Argentina (fellowship).
- 1998: University of Buenos Aires, Argentina (fellowship).
- 1999-2002: National Research Council (CONICET), Buenos Aires, Argentina.

## GRANTS

1. PI: The Role of the Spleen in the febrile Response (National Institute of Health, AREA grant, R15). Priority score 119 (outstanding). 02/01/2008 – 01/31/2012. Amount: \$ 213,000. **FUNDED.**
2. MPIs: Effects of C5a on Brain with secondary effects on the lung. NIH R01 Collaborative Science Supplement. Multiple PIs Peter Ward (University of Michigan), Carlos Feleder and Arnold Johnson. Start and End Dates: 05/01/13-08/31/14. Total Direct Costs: \$ 100,000. **FUNDED.**
3. PI: Grant/fellowship from the Republic of China to support Xiujuan Yao doctoral studies in my laboratory. 09/01/2008 – 08/31/2010. Amount: \$ 70,000. **FUNDED.**
4. PI: Scholarship from the American Foundation for Pharmaceutical Education to Carlos Feleder and Alex Villanueva (BSPS student): 05/01/2008 –

04/31/09. Amount \$ 5,000. **FUNDED.**

5. PI: The Systemic Inflammatory Response to Pathogens in the Brain. Scholarship of Discovery Grant (ACP), 05/21/2007 – 06/30/2008. Direct Cost: \$ 4,900. **Funded.**
6. PI: Splenic Regulation of Endotoxic Fever. Scholarship of Discovery Grant (ACP), 05/21/2006 – 06/30/2007. Direct Cost: \$ 5,000. **Funded.**
7. Collaborator: Linking energy balance to host-defense strategies. Agency: National Science Foundation. Direct cost: \$464,335 (\$309,011 direct costs; \$155,324 indirect costs) Duration requested: 3 years. **(Pending). PI: Alex Steiner.**
8. MPI: Brain endocannabinoids Mediate the Hypotensive Response and lung Inflammation during Septic Shock. (National Institute of Health, R15), 07/01/2015 – 06/30/2018. Direct Cost: \$300,000. **(Pending).**
9. NIH Area R15 grant: Brain endocannabinoids modulate lung inflammation induced by LPS. Score 36, **Pending (Principal Investigator).**
10. PI: The Central Nervous System Initiates the Hypotensive Response During Septic Shock (NIH/R01), 11/01/20015 – 10/31/2018. Direct Cost: \$ 525,000. **(To be Resubmitted).**

## **PUBLICATIONS**

### **A. Reviews and Chapters**

1. Moguilevsky JA, **Feleder C**. Pubertad, en Tratado de Endocrinología Iberoamericana, Tresguerres (ed). Madrid 2000.
2. Moguilevsky JA, Arias P, **Feleder C**. Fisiología Endócrina y de la Reproducción. Buenos Aires 1999. Dos Santos (Ed).
3. Wuttke W, Jarry H, **Feleder C**, Moguilevsky JA, Leonhardt S, Seong JY, Kim Y. The neurochemistry of the GnRH pulse generator. Neuroendocrine Aspects of Reproduction, September 1996.
4. **Feleder C**, Refojo D, Arias P, Moguilevsky J. Interrelacion entre el sistema inmune y el eje hipotálamo hipófiso gonadal. Bases neuroendócrinas. (1ra Parte). Revista Argentina de Endocrinología y Metabolismo 1997, 34: 60-87.
5. **Feleder C**, Refojo D, Arias P, Moguilevsky J. Interrelacion entre el sistema inmune y el eje hipotálamo hipófiso gonadal. Bases neuroendócrinas. (2da Parte). Revista Argentina de Endocrinología y Metabolismo 1997, 35: 22-42.
6. Blatteis CM, Li S, Li Z, Perlik V, **Feleder C**. Signaling the brain in systemic inflammation: the role of complement. Frontiers in Bioscience. 2004, 9: 915-931.

7. Blatteis CM, Li S, Li Z, **Feleder C**, Perlik V. Cytokines, PGE2 and endotoxic fever: a re-assessment. Prostaglandins, leukotrienes, and essential fatty acids. 2005, 76:1-18.
8. **Feleder C**, Blatteis CM. The role of the Spleen in the febrile response. Journal of Thermal Biology, 31: 220-228, 2006.

## **B. Original Articles**

1. Rodriguez M, **Feleder C**, Szwarcfarb B, Arias P, Moguilevsky J. Mediobasal hypothalamic perfusion with serotonin inhibits steroid-stimulated LH secretion. Assessment with the push-pull technique. Neuroendocrinology Letters 1994, 16: 2- 9.
2. Arias P, **Feleder C**, Rodriguez M, Guinzburg M, Refojo D, Szwarcfarb B, Moguilevsky J. Repeated ICV administration of taurine lowers LH levels and postpones vaginal opening in peripubertal female rats. Brain Research Developmental Brain Research 1995: 85, 137-141.
3. Leonhardt S, Arias P, **Feleder C**, Moguilevsky J, Wuttke W, Jarry H. Pituitary adenylate cyclase activating polypeptide (PACAP) stimulates LH release by a direct action in the pituitary without hypothalamic GnRH release. Neuroendocrinology Letters 1995, 17: 1-5.
4. Carbone S, Szwarcfarb B, Rondina D, **Feleder C**, Moguilevsky J. A. Differential effects of the N-methyl-D-aspartate and non N-methyl-D-aspartate receptors of the excitatory aminoacids system on LH and FSH secretion. Its effects on the hypothalamic Luteinizing hormone releasing hormone during maturation in male rats. Brain Research 1996, 707: 139-145.

5. Arias P, Carbone S, **Feleder C**, Szwarcfarb B, Rodriguez M, Scacchi P, Moguilevsky J. Effects of aging on N-methyl-D-aspartate (NMDA)-induced GnRH and LH release in female rats. *Brain Research* 1996, 740: 234-238.
  6. **Feleder C**, Jarry H, Leonhardt S, Moguilevsky J, Wuttke W. Evidence to suggest that GnRH inhibits its own secretion by effecting hypothalamic amino acid neurotransmitter release. *Neuroendocrinology* 1996, 64: 298-304.
  7. **Feleder C**, Jarry H, Leonhardt S, Moguilevsky J, Wuttke W. The GABAergic control of LHRH secretion in male rats during sexual maturation involves effects on hypothalamic excitatory and inhibitory amino acid systems. *Neuroendocrinology* 1996, 64: 305-312.
  8. **Feleder C**, Jarry H, Leonhardt S, Moguilevsky J, Wuttke W. Effects of endotoxin on in vitro release of LHRH and amino acid neurotransmitters by medial-preoptic hypothalamic areas. *Neuroimmunomodulation* 1996, 3: 76-81.
  9. **Feleder C**, Refojo D, Jarry H, Wuttke W, Moguilevsky J. Bacterial endotoxin inhibits LHRH secretion following the increased release of hypothalamic GABA levels. Different effects on amino acid neurotransmitter release. *Neuroimmunomodulation* 1996, 3: 342-351.
  10. Wuttke W, Jarry H, **Feleder C**, Moguilevsky JA, Leonhardt S, Seong JY, Kim K. The GnRH pulse generator. *Acta Neurobiologiae Experimentalis* 1996, 56: 707-713.
  11. **Feleder C**, Moguilevsky J, Wuttke W. Effects of GABA receptors agonists and antagonists on in vitro hypothalamic catecholamines neurotransmitter release: Its relation with the control of LHRH secretion in adult male rats. *Experimental and Clinical Endocrinology and Diabetes* 1999, 107: 80-84.
  12. Damian R, Arias P, Moguilevsky J, **Feleder C**. Effect of bacterial endotoxin on in vitro GnRH release. *Neuroendocrinology* 1996, 64: 313-318.
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vivo pulsatile gonadotropin secretion in adult male rats. *Neuroendocrinology* 1998, 67: 275-282.

13. **Feleder C**, W Wolfgang, Moguilevsky JA. Hypothalamic relationships between interleukin-6 and LHRH affected by the bacterial endotoxin in adult male rats. Involvement of inhibitory amino acids. *Biological Signals* 1998, 235: 95-99.
14. **Feleder C**, Refojo D, Nacht S, Moguilevsky JA. Interleukin-1 stimulates inhibitory hypothalamic amino acids neurotransmitter release. *Neuroimmunomodulation* 1998, 5: 1-4.
15. Rodriguez M, Arias P, Refojo D, **Feleder C**, Moguilevsky JA. Arrest of pulsatile LH secretion during insuline hypoglycemia: Improvement by Intrahypothalamic perfusion with glucose. *Experimental Clinical Endocrinology and Diabetes* 1999, 107: 257-261.
16. **Feleder C**, Refojo D, Nacht S, Arias P, Moguilevsky JA. Interleukin-1 Inhibits NMDA-stimulates LHRH secretion. Associated effects on the hypothalamic amino acids neurotransmitter release. *Neuroimmunomodulation* 2000, 7: 46-50.
17. **Feleder C**, Refojo D, Nacht S, Arias P, Moguilevsky JA. Age-related differences in the effects of bacterial endotoxin (LPS) upon the release of LHRH, gonadotropins and hypothalamic inhibitory amino acid neurotransmitters measured in tissues explanted from intact male rats. *Experimental Clinical Endocrinology and Diabetes* 2000, 108: 220-227.
18. **Feleder C**, Arias P, Wuttke W, Moguilevsky JA. GABAergic activation inhibits the hypothalamic-pituitary-ovarian axis and sexual development in the immature female rat. Associated changes in hypothalamic glutamatergic and taurinergergic systems. *Brain Research Developmental Brain Research* 1999, 116: 151-157.

19. **Feleder C**, Guinzburg M, Wuttke W, Moguilevsky JA, Arias P. Effect prolonged GABAergic activation on the pubertal development of female rat. *Medicina* 2000, 60: 229-232.
20. **Feleder C**, Li Z, Perlik V, Evans A, Blatteis CM. The spleen modulates the febrile response of guinea pigs to LPS. *American Journal of Physiology: Regulatory Integrative Comparative Physiology* 2003, 284: R1466-R1476.
21. **Feleder C**, Perlik V, Blatteis CM. Preoptic alpha-1 and alpha-2 noradrenergic agonists induce, respectively, PGE2-independent and PGE2-dependent hyperthermic responses in guinea pigs. *American Journal of Physiology: Regulatory Integrative Comparative Physiology* 2004, 286: R1156-R1166.
22. Blatteis CM, Li S, Li Z, Perlik V, **Feleder C**. Complement is required for the induction of endotoxic fever in guinea pigs and mice. *Journal of Thermal Biology* 2004, 29: 369-381.
23. Blatteis CM, **Feleder C**, Perlik V, Li S. Possible sequence of pyrogenic afferent processing in the POA. *Journal of Thermal Biology* 2004, 29: 391-400.
24. Li Z, **Feleder C**, Blatteis CM. LPS challenge causes exaggerated fever and increased hepatic LPS uptake in vinblastine-induced neutropenic guinea pigs. *Critical Care Medicine*. 2004, 32: 2131-2134.
25. **Feleder C**, Perlik V, Tang Y, Blatteis CM. A putative antihyperpyretic factor induced by LPS in spleen of guinea pigs. *American Journal of Physiology Regulatory Integrative Comparative Physiology*. 2005 289: R680-687.
26. Li Z, Perlik V, **Feleder C**, Tang Y, Blatteis CM. Kupffer cell-generated PGE2 triggers the febrile response of guinea pigs to intravenously injected LPS. *Am J Physiol Regul Integr Comp Physiol*. 290:R1262-1270, 2006.

27. **Feleder C**, Perlik V, Blatteis CM. Preoptic nitric oxide attenuates endotoxic fever in guinea pigs by inhibiting the POA release of norepinephrine. *Am J Physiol Regul Integr Comp Physiol.* 293: R1144-1151, 2007.
28. **Feleder C**, Perlik V, Blatteis CM. Preoptic norepinephrine mediates the febrile response of guinea pigs to lipopolysaccharide. *Am J Physiol Regul Integr Comp Physiol.* 293: R1135-1143, 2007.
29. **Feleder C**, Blatteis CM. The role of the Spleen in the febrile response. *Journal of Thermal Biology*, 31: 220-228, 2006.
30. Yilmaz MS, Millington WR, **Feleder C**. The preoptic anterior hypothalamic area mediates the hypotensive response induced by lipopolysaccharide in male rats. *Shock* 2: 232-237, 2008.
31. Pallares EM, Shmuckler J, Scacchi P, **Feleder C**, Cutrera RA. Effects of prenatal stress on motor performance and anxiety behavior in swiss mice. *Physiology and Behavior.* 92: 951-956, 2007.
32. Yilmaz MS, Goktalay G, Millington WR, Cutrera RA, **Feleder C**. Lipopolysaccharide-induced hypotension is mediated by a neural pathway involving the vagus nerve, the nucleus tractus solitarius and alpha-adrenergic receptors in the preoptic anterior hypothalamic area. *Journal of Neuroimmunology* 4: 65-72, 2008.
33. O'Donnell P, Tseng KY, **Feleder C**. Altered dopaminergic modulation of GABA and glutamate cortical transmission in a developmental animal model of schizophrenia. *Biol Psychiatry* 67:386-392, 2010.



34. Central cannabinoid 1 receptor antagonist administration prevents endotoxic hypotension affecting norepinephrine release in the preoptic anterior hypothalamic area. Villanueva A, Yilmaz SM, Millington WR, Cutrera RA, Stouffer DG, Parsons LH, Cheer JF, **Feleder C**. *Shock*. 2009, 32:614-620.
35. Tumor Necrosis Factor- $\alpha$  (TNF) induces increased lung vascular permeability: a role for GSK3 $\alpha$ /b inhibition. Barton-Pai A, **Feleder C**, Johnson A. *Eur J Pharmacol*, 657: 159-166, 2011.
36. Food deprivation alters thermoregulatory responses to lipopolysaccharide by enhancing cryogenic inflammatory signaling via prostaglandin D2. Krall CM, Xiujuan Y, Martha H, **Feleder C**, Steiner AA. *American Journal of Physiology, Regulatory Integrative Comparative Physiology*, 298: R1512-1521, 2011.
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## C. ABSTRACTS

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2. Jung H, Jarry H, Feleder C, Arias P, Moguilevsky J, Wuttke W. Ontogeny of LHRH receptors in the gonads and pituitary of rats. *Deutsche Gesellschaft für*

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3. Feleder C, Jarry H, Leonhardt S, Moguilevsky J, Wuttke W. Functional significance of LHRH receptors in the hypothalamus of rats. Deutsche Gesellschaft fur Endokrinologie. Leipzig, March, 1995.
4. Jung H, Harry H, Feleder C, Leonhardt S, Wuttke W. Influence of the GABAergic system on the GnRH-receptor mRNA levels in the hypothalamus of prepubertal female rats. Pediatric Hormone Research. Edinburgh, April, 1995.
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6. Arias P, Feleder C, Rodriguez M, Guinzburg M, Refojo D, Szwarcfarb B, Sinay F, Scacchi P, Moguilevsky J. Efecto de la Taurina intracerebroventricular sobre la secrecion de LH en ratas hembras prepuberescas. 29th Congreso de la Sociedad Argentina de Investigación Clínica (SAIC). Mar del Plata, November, 1994. Medicina: 54: 570, resumen 280, 1994.
7. Roth C, Feleder C, Jarry H, Leonhardt S, Moguilevsky J, Wuttke W. Opposite effects of GABA on in vitro LHRH and amino acid neurotransmitter release in immature and adult male rats. Deutsche Gesellschaft fur Endokrinologie. Marburg , March, 1996.
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14. P Arias, C Feleder, MI Keller Sarmiento, J Moguilevsky, R Rosenstein . LPS-induced inhibition of LH release. Associated hypothalamic pre and postsynaptic GABAergic events. International Society for Neuroimmunomodulation: 4th International Congress, Lugano, 1999.
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- Feleder C. Curriculum Vitae

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23. Li Z, Feleder C and Blatteis CM. The central role of Kupffer cells in LPS fever production: Evidence from splenic vein-ligated (SVL) and neutropenic guinea pigs. FASEB Journal. 18:A34.7, 2004.
24. Feleder C, Perlik V, and Blatteis CM. Lipopolysaccharide induces fever in conscious guinea pigs via two successive intrapreoptic hyperthermic actions of norepinephrine. Society for Neuroscience. New Orleans, Louisiana, November, 2003 (on line).
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26. Blatteis CM, Feleder C and Perlik V. Norepinephrine-induced prostaglandin E2 production in the preoptic area of guinea pigs is catalyzed by cyclooxygenase-2. Autonomic Neuroscience: Basic and Clinical 106: 1-64, 2003.
27. Feleder C, Perlik V, and Blatteis CM. Preoptic area nitric oxide inhibits lipopolysaccharide and clonidine-induced body temperature and PGE2 rises in conscious guinea pigs. FASEB Journal 19:A36.5, 2004.
28. Feleder, C Perlik V, Tang Y, and Blatteis CM. A factor derived from the spleen attenuates hepatic LPS uptake and the febrile response. A novel antipyretic mechanism. FASEB Journal 2005.
29. Feleder C, Perlik V, Blatteis CM. Preoptic nitric oxide attenuates endotoxic fever by inhibiting the preoptic release of norpinephrine. Second International Meeting on Physiology and Pharmacology on Temperature regulation. Phoenix, Arizona, USA, March 3-6, 2006.

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32. Yilmaz MS, Goktalay G, Millington WR, Feleder C. The initial fall in arterial pressure evoked by lipopolysaccharide is mediated by the preoptic anterior hypothalamic area. Society for Neuroscience, Atlanta, GA, 2006.
33. Feleder C, Yilmaz MS, Goktalay G, Millington WR. Neither vagotomy nor pentoxifilline inhibit a high dose lipopolysaccharide (LPS)-induced hypotension in rats: possible role of a central mechanism. Society for Neuroscience, Atlanta, GA, 2006.
34. Marlow J, Yilmaz MS, Millington W, Feleder C. Dose-dependent mechanisms mediate lipopolysaccharide hypotension in male rats. FASEB, San Diego, CA, 2008.
35. Blockade of alpha-adrenergic receptors in the preoptic anterior hypothalamus prevents lipopolysaccharide evoked hypotension. Yilmaz MS, Myer BS, Feleder C, Millington W. FASEB, San Diego, CA, 2008.
36. O'Donnell P, Tseng KY, **Feleder C**. Altered D2 modulation of prefrontal cortical interneurons in developmental animal models of schizophrenia. Schizophrenia Research 102: 12-13, 2008.

37. O'Donnell P, Tseng KY, **Feleder C**. Periadolescent emergence of impaired dopamine modulation of prefrontal GABA circuits in developmental animal models of schizophrenia. *International Journal of Neuropsychopharmacology* 11: 11-12, 2008.
38. Preoptic nitric oxide modulates endotoxic fever by controlling local norepinephrine activity. Carlos Feleder, Perlik Vit, Clark M Blatteis. FASEB, New Orleans, Louisiana, 2009.
39. Central rimonabant administration prevents endotoxic hypotension by inhibiting norepinephrine release in the preoptic anterior hypothalamic area. Sertac Yilmaz, Alex Villanueva, William Millington, Rodolfo Cutrera, Joseph F Cheer, Carlos Feleder. FASEB, New Orleans, Louisiana, 2009.
40. Food deprivation alters thermoregulatory responses to LPS by enhancing cryogenic inflammatory signaling via PGD2. Steiner A, Krall CM, Feleder C, Hass MA, Yao X. Neuroscience meeting 2010.
41. Yilmaz S, Feleder C, Millington WR. Blockade of delta opioid receptors in the ventrolateral periaqueductal gray region inhibits the hypotensive response evoked by endotoxemia in rats. 8th World Congress of Neuroscience, IBRO. Florence, Italy. July 14-18, 2011.
42. Steiner AA, Krall CM, Feleder C, Hass MA, Yao X. Metabolic signals & the fever-hypothermia dichotomy in systemic inflammation. 4th International meeting on physiology and pharmacology of temperature regulation. Buzios, Brazil. March 21-25, 2012.
43. Feleder C, Millington W, Villanueva A, Yilmaz S, Cheer J, Parsons S. Central CB1 receptors mediate initiation of hypotension during septic shock. 4th



International meeting on physiology and pharmacology of temperature regulation. Buzios, Brazil. March 21-25, 2012.

44. Central cannabinoid 1 receptors control lung inflammation during endotoxic shock. Mohn M, James J, Phan H, Russo V, Gertzberg N, Neumann P, Millington WR, Johnson A, Feleder C. *The Pharmacologist* Vol 54, number 2, 2012. ASPET Society Meeting, Upstate NY Chapter.
45. Vincenzo Russo, Jianya Peng, Janey James, Hai Duong Phan, Hunter MacDonald, Nancy Gertzberg, Paul Neumann, Arnold Johnson, Carlos Feleder. Central Nervous System Mediates Lung Inflammation During Septic Shock *The Pharmacologist*. Vol.55 No.2, June 2013. Page B-4.
- 46.** Central Nervous System Mediates the Initiation of Lung Inflammation During Septic Shock. Vincenzo Russo, Jianya Peng, Janey James, Hai Duong Phan, Hunter MacDonald, Nancy Gertzberg, Paul Neumann, Arnold Johnson, Carlos Feleder. **ACPHS Student Research Symposium. Outstanding Poster Award.**
47. Does  $\alpha 7$ nAChR agonist prevent LPS-induced increase of GSK3 $\beta$  phosphorylation and the increase of snail? Jing Liu, Carlos Feleder. Second Annual ACPHS Student Research Symposium on March 31, 2015.
48. Brain endocannabinoids mediate the Initiation of Lung Inflammation during Septic Shock. Vincenzo Russo, Jianya Peng, Janey James, Hai Duong Phan, Hunter MacDonald, Nancy Gertzberg, Paul Neumann, Arnold Johnson, Carlos Feleder. 9th World Congress of Neuroscience, IBRO. Rio de Janeiro, Brazil. July 7-10, 2015.

Other (Journal reviewer, collaborations, etc)

1. **Journal reviewer**: 2007-present: European Journal of Pharmacology  
2007-present: Physiology and Behavior  
2007-present: American Journal of Physiology  
2007-present: Brain Research  
2007-present: Journal of Cardiovascular Pharmacology and  
Therapeutics  
2007-present: Journal of Medical Sciences  
2008-present: Journal of Applied Physiology  
2009-present: Stress Journal  
2009-present: Journal of Integrative and Comparative  
Physiology  
2013: Journal of Comparative Neurology  
2013: Prostaglandins, Leukotrienes and Essential Fatty  
Acids

### **Editorial Board Member**

1. Journal of Pharmacogenomic and Pharmacoproteomics
2. Modern Chemistry & Applications
3. Research & Reviews, Journal of Pharmacology
4. Journal of Pharmacology and Pharmaceutics
5. Journal of Pharmacy and Pharmaceutical Sciences

6. International Journal of Clinical Therapeutics and Diagnosis
7. Indian Journal of Pharmacy and Pharmacology
8. SM Journal of Pharmacology and Therapeutics

### **Study Sections**

2010-15: International Expert Reviewer, in the evaluation of the Applications in various areas of biomedical research for the "Health Research Call of the Italian Ministry of Health.

2012-2015: Study Section Member, American Heart Association, Molecular Signaling Study Section.

2013: The Dunhill Medical Trust, UK. Member of the National Institute for Health Research in England, Grant Reviewer

2009-2014: Intramural Grant Reviewer ACPHS and Council Member.

FONCYT Agency grant Reviewer, Argentina.

### **International and National Collaborations**

2. I have established an international collaboration with the National University of Santiago de Compostela, School of Pharmacy, Spain.

3. I have established an international collaboration with Department of Pharmacology of Chinese Materia Medica, China Pharmaceutical University, Nanjing, China.
4. University of Mar del Plata, Argentina. Extended campus experiences for the Psychoneuroimmunology and Contemplative Medicine studies.
5. I am Co-founder and Principal Investigator of the Albany Center for Collaborative Computational Neuroscience at the State University of New York, in collaboration with the Albany Medical College and SUNY Albany: Departments of Mathematics, Psychology, Physics and the Center of Nanotechnology.
6. Organizing Committee Member of the 2nd Annual International Conference on Pharmacology & Pharmaceutical Sciences to be held on 27th – 28th October 2014 in Singapore

## **SERVICE**

1. Institutional Review Board Committee Member (2005-2007)
2. Curriculum Committee Member (2006-2007)
3. Member of the Pharmacology Search Committee (2006)
4. Member of the Pharmacogenomics Search Committee (2006-2007)
5. Director of the Pharmaceutical Sciences Seminar Series (2007-present)
6. Director of International Relations for the Pharmaceutical Sciences Graduate Programs (2008-2012)
7. Chair Admission & Recruitment of the Pharmaceutical Sciences Graduate Program (2008-present).
8. Graduate Program Committee member for the Pharmaceutical Sciences Graduate Programs (2008-present).
9. Faculty Senate, member (2007-2009)
10. Graduate Council, member (2007-2011)

11. Chair Research Committee (2009-2011)
12. Member of the Associate Dean for Research and Graduate Education Search Committee (2012).
13. Promotion and Tenure Committee, member (2012-2014).
14. American Society of Pharmacology and Therapeutics, graduate students Scientific Symposium, upstate NY Chapter (Chair), 2012.
15. PS Graduate Executive Committee Member (2011-2013)
16. DPS Search Committees (Neuropharmacology), Member (2013)
17. Global Education Task Force Member, (2011-2013).

## **TEACHING and SERVICE**

1. Pathophysiology fall 2006, 173 students. I was responsible for the lectures about neuroanatomy and sensory physiology (24 teaching hours).
2. Pharmacology spring 2006, 178 students. I was responsible for the lectures about neuropharmacology (24 teaching hours).
3. Seminar 1, one student, 2006
4. Independent research, two students (2006)
5. Pharmacology fall 2007, 160 students. I was responsible for the lectures about endocrine-pharmacology (24 teaching hours).
6. Pathophysiology fall-spring 2007, 150 students. I was responsible for the lectures about endocrine-pathophysiology (30 teaching hours).
7. Pathophysiology summer 2007, 70 students. I was responsible for the lectures about endocrine-pathophysiology (30 teaching hours).
8. Seminar 1, one student, 2007
9. Independent research, two students (2007)
10. Pathophysiology fall-spring 2008, 190 students. I was responsible for the lectures about endocrine-pathophysiology (30 teaching hours).

11. Pharmacology fall 2008, 243 students. I was responsible for the lectures about endocrine-pharmacology (24 teaching hours).
12. Pathophysiology summer 2008, 45 students. I was responsible for the lectures about endocrine-pathophysiology (30 teaching hours).
13. Seminar 1 one student, 2008
14. Independent research, two students (2008)
15. Pathophysiology fall-spring 2009, 231 students. I was responsible for the lectures about endocrine-pathophysiology (30 teaching hours).
16. Pharmacology fall 2009, 250 students. I was responsible for the lectures about endocrine-pharmacology (24 teaching hours).
17. Pharmacology Seminar (2010)
18. Scientific Literature Evaluation, Instructor (2011-2014)
19. PTPM-GU, Instructor, (2012-2014)
20. PTPM Nephrology, Instructor (2012-2014)
21. Lab Journal Club, Coordinator/Instructor (2012-2014)
22. Graduate Pharmacology, Coordinator/Instructor (2012-2014)
23. Immune-Brain-Communication, Coordinator/Instructor (2012-2014)
24. DPS Journal Club, Coordinator/Instructor (2012-2014)
25. Admission and Recruitment MSPS (DPS), Chair 2011-2014
26. DPS Graduate Executive Committee Member
27. Neuroendocrine-pharmacology, Faculty Search Committee Member
28. Ad Hoc Graduate Council Member, 2010-2013
29. Graduate Coordinator Search Committee Member 2010-2013
30. Organizing Committee, ASPET meeting, Member Organizing Committee 2011-2015
31. ASPET graduate students Scientific Symposium, Chair. 2013

32. Pharmaceutical Sciences Seminar Series Director, 2014-15
33. Admission and Recruitment MSPS (DPS), Chair, 2014
34. Promotion and Tenure, Member, 2012-15
35. Research Committee, Member, 2014-15
36. Department Chair Search Committee, 2014-15
37. Global Education Task Force member.
38. Intramural Grant ACPHS Reviewer, 2014-15
39. Summer Student Research Awards Reviewer, 2014-15.
40. Neuropharmacology instructor, 2014-2015
41. Neuroscience instructor, 2013-2014.
42. Instructor, System Neuroscience, 2015.

### Student Research Supervision

1. Yilmaz Sertac, MD, PhD (postdoctoral training) worked on a project to determine how LPS initiates endotoxic hypotension. He also helped to characterize an antipyretic splenic factor released by the spleen during the febrile response.
2. Diana Khalil (Independent Study and summer research). She helped to identify an antipyretic factor produced by the spleen during fever.
3. Brian Meyer (Independent Study). He worked on a project to elucidate whether the preoptic hypothalamic area initiates LPS-hypotension.
4. Joshua Marlow (BSPS student and Summer Research). He tested the hypothesis that splenectomized guinea pigs develop hypothermia to moderate

doses of LPS.

5. Alex Villanueva (Independent Study and summer research) He worked on a project to elucidate whether endocannabinoids within the preoptic hypothalamic area initiates LPS-hypotension.
6. Co-director: Cecilia Vazquez's MD. Doctoral studies at the University of Buenos Aires, Argentina, School of Medicine, Department of Physiology. Project: Prenatal stress: effect on the innate immune response in adult male rats.
7. Patel Priyanki (BSPS seminar and independent Research) She worked on a project to elucidate whether noradrenergic neurotransmission within the preoptic hypothalamic area initiates LPS-hypotension.
8. John Cosmello PharmD, (summer research) He tested the hypothesis that splenectomized guinea pigs develop hypothermia to moderate doses of LPS.
9. Xiujuan Yao, PhD Student from a Chinese Pharmacia University, Nanjing. She is working to identify an antipyretic factor produced by the spleen during fever.
10. Jianya Peng, Master student, Thesis Director. She studies the role of the central nervous system in Septic Shock.
11. Sumeet Singla, Master student, Thesis Director. He studies the role of the central nervous system in Septic Shock.
12. Mathias Mohn, Thesis Director, University of Basel, Switzerland, He studies the role of the central nervous system in Septic Shock. Magna Cum Laude.
13. Alexandra Gosh, BSPS, She studies the role of the central nervous system in Septic Shock.



14. Jing Liu, Thesis Director, She studies the role of the central nervous system in Septic Shock and lung inflammation.

15. Ashoor Ghazi, Thesis Director, he studies the role of the central nervous system in Septic Shock and lung inflammation.

## **Other Services**

1. Psychoneuroimmunology and Contemplative Medicine. I am playing a principal role to create a certificate and a master program in Psychoneuroimmunology and Contemplative Medicine.
2. ACPHS-USP (Brazil). Invited to Brazil officially to establish a program for students and faculty exchange; a consortium agreement.
3. ACPHS-Turkey, ACPHS Representative to the US-Department of Commerce and the Government of Turkey.
4. ACPHS-ELLIS Hospital, NEW YORK agreement. I am playing a principal role to create extended campus experiences for the Psychoneuroimmunology and Contemplative Medicine Program.
5. McGill University, CANADA: Recruitment for the MSPS program
6. Councilor of the American Society of Pharmacology and Experimental Therapeutics, Upstate New York Chapter. ASPET Upstate New York Pharmacology Society 4th Annual Meeting.
7. Member of the Organizing Committee of the European Pharma Congress August 25-27, 2015 Valencia, Spain.

8. Role of brain endocannabinoids in the neural mechanisms of habituation to stress. Carlos Feleder (ACPHS), Marcel Musteata (ACPHS), Serge Campeau (Department of Psychology, Behavioral Neuroscience and Center for Neuroscience University of Colorado, Boulder).
9. Low alcohol consumption and benefits on Neuroinflammatory Diseases. Carlos Feleder ACPHS, Rodolfo Cutrera (University of Buenos Aires, School of Medicine), Ines Lores Arneis (University of Buenos Aires, School of Pharmacy), Robert Levin (ACPHS/VA Medical Center).
10. Effect of Stress Reduction in intensive care unit patients with lung injury. Carlos Feleder (ACPHS), Marcel Musteata (ACPHS), Ariel Jaitovich (AMC).
11. Connection between blood pressure and temperature regulation. Carlos Feleder (ACPHS), Mohammad Sajadi, MD, Institute of Human Virology, University of Maryland, and Philip A Mackowiak M.D., M.B.A. Clinical Professor Vice Chairman, Department of Medicine, University of Maryland School of Medicine; Chief of the Medical Care Clinical Center, VA Maryland Health Care System.
- 12.12.