Nicolas G. Bazan Lecture and Meetings 2019

January 29 and February 7, 2019 – Visit of Marc Malandro, VP for Chan Zuckerberg Initiative

February 20-22, 2019 – COBRE Center for Neurodegeneration and Translational Neuroscience External Advisory Committee/Internal Advisory Committee, Las Vegas, NV Committee member

February 26, 2019 – Center for Translational Viral Oncology (CTVO) COBRE Internal Advisory Progress Committee meeting, LCRC Building, New Orleans, LA Committee member

March 7-10, 2019 Association for Ocular Pharmacology and Therapeutics, New Orleans, LA Co-Moderator: “Neuroprotection by novel lipid mediators: Significance in retinal degenerations” https://www.aopt.org/meetings/program

March 11, 2019 – Center for Translational Viral Oncology (CTVO) COBRE Internal Advisory/External Advisory Committee meeting, LCRC Building, New Orleans, LA Committee member

April 1, 2019 – Center for Translational Viral Oncology (CTVO) COBRE Second Internal Advisory Progress Committee meeting, LCRC Building, New Orleans, LA Committee member

April 3-7, 2019 - DZNE Scientific Symposium and 10 year Celebration of the DZNE, Bonn, Germany Title of Lecture: "Specific signals that remodel retinal transcriptome for cell survival upon Amyloid-beta peptide oligomer damage: Elovanoids as molecular guardians"

April 28- May 2, 2019 – ARVO, Association for Research in Vision and Ophthalmology, Vancouver, BC, Canada Co-Moderator Session: Lipids in Diverse function and pathologies of the eye – SIG (Special Interest Group). Title of Lecture: “Elovanoids are mediators of the omega-3 lipidome and target transcriptome architecture to sustain photoreceptor function” and Session: Lipids and Eye Diseases – Where should we focus? – SIG (Special Interest Group) Title of Lecture: “Elovanoids act as epigenetic regulators in cell survival/senescence decisions in photoreceptors”

May 9, 2019 – Mark Nickerson Memorial Lecture, McGill University, Departments of Pharmacology and Therapeutics, Montreal, Canada
Title of Lecture: “Brain Homeostasis resiliency at the onset of damage and neurodegenerative diseases”

June 3-July 31, 2019 – Summer Undergraduate Program in Neuroscience, New Orleans, LA
June 3rd:
Title of Seminar: “Welcome to the SUN Program - “Neuroscience Research: “Tackling Key issues of Contemporary Medicine”
July 16th: Seminar
Title of Seminar “The Challenges of Alzheimer’s and of other Neurodegenerative Diseases”

June 24-25, 2019 – CDMP (Congressional Directed Medical Research Program) JWMRP (Joint Warfighter Medical Research Program) CRM (Clinical Rehabilitiative Medicine) Panel Reviewer conference call
Reviewer

June 27-28, 2019 – Unity Biotechnology meeting with Oscar Cuzzani, MD, PhD, Vice President, Ophthalmology; Pedro J. Beltran, PhD, Senior Vice President of Biology and Pamela Tsuruda, PhD, Director, New Orleans, LA
Title of Lectures -“Lipid mediators in protection in ischemic stroke” and Potent novel anti-inflammatory lipid mediators on the eye surface”

July 3-7, 2019 – Jornada de Actualización de Conocimiento, Madrid, Spain
Title of Lecture – “Una visión de nuevos abordajes terapéuticos”

July 19, 2019 – NIH Study Section, ZRG1 BDCN-L90 teleconference call
Reviewer

July 24, 2019 – NIH Study section, ZRG1-BDCN R(02) Special Emphasis Panel teleconference call
Reviewer

August 22, 2019 – Unity Biotechnology meeting, San Francisco, CA
Title of Lectures - “Brain resiliency in aging and at the onset of damage and of neurodegenerative diseases”

September 4-5, 2019 – Unity Biotechnology meeting with Nathaniel David, President; Pedro J. Beltran, PhD, Senior Vice President of Biology and Kenneth Greenburg, PhD, Director, Frontier Biology
New Orleans, LA
Title of Lectures: -“Lipid mediators in protection in ischemic stroke” and Potent novel anti-inflammatory lipid mediators on the eye surface”

September 20-21, 2019 - VII. International DOG, (Deutsche Ophthalmologische Gesellschaft (German Ophthalmological Society -Symposium on Age-Related Macular Degeneration. Understanding Pathogenic Mechanisms of Disease, Baden-Baden, Germany
Distinguished Lecturer – “Elovanoids are novel photoreceptor survival signals relevant to AMD”

September 26, 2019 – Henry Stewart Talks
Title of Talk – Part 1: Photoreceptor protection: Significance of docosanoids and elovanoids
Title of Talk – Part 2: Photoreceptor protection: Significance of docosanoids and elovanoids

September 29-October 1, 2019 – The 14th Fatty Acids and Cell Signaling FACS Conference: Fatty Acid Metabolism and Oxidation, Austin, TX
Keynote Lecture – “Elovanoid bioactivity: Significance to Alzheimer’s, traumatic brain injury and Age-related macular degeneration”

October 15, 2019 – EAC/IAC 2019 Center for Neurodegeneration and Translational Neurosciences Teleconference call
Reviewer

October 19-23, 2019 – Society for Neuroscience, Chicago, IL
Oral Presentation: Nanosymposium
Title of Lecture – “The Novel class of homeostatic lipid mediators, elovanoids, provide high-grade neuroprotection in experimental traumatic brain injury”
Abstract Control No.: 3431
Session Title: Traumatic Brain Injury
Location: McCormick Place, Room S404
Session Number: 541
Session Time: 10/22/2019 1:00:00 PM- 10/22/2019 4:15:00 PM
Presentation Number: 541.11
Presentation Time: 10/22/2019 3:30:00 PM- 10/22/2019 3:45:00 PM
*L. S. BELAYEV1, A. OBENAUS2, E. HADDAD2, L. KHOUTOROVA1, V. A. CRUZ FLORES3, P. MUKHERJEE1, N. A. PETASIS4, N. BAZAN1;

October 20-23, 2019 – 16th International Conference on Bioactive Lipids in Cancer, Inflammation and Related Diseases, St. Peterburg, FL
Co-Moderator Session 3: Neuronal Inflammation
Title of Lecture – “Elovanoids counteract oligomeric b-amyloid toxicity, regulate transcriptome architecture and function: Significance to Alzheimer’s and Age-related macular degeneration”

November 4, 2019 – NEI/NIH Study section, Career Development Scientific Review (K series) teleconference call
Reviewer

Title of Lecture – Title to be announced
Nicolas G. Bazan Lectures and Meetings 2020


**Title of Lecture – “Elovanoids are neuroprotective in an experimental model of traumatic brain injury”**

Abstract #63


**Ludmila Belayev** - Intranasal delivery of elovanoids, novel class of homeostatic lipid mediators, improves neurobehavioral functions and confers neuroprotection on rats with traumatic brain injury

Abstract #64


**Surjyadipta Bhattacharjee** - Elovanoids (ELV) protect telomere length shortening and restore of Telomerase activity upon exposure to uncompensated oxidative stress (UOS) or oligomeric amyloid β (Oaβ) recapitulating brain injury.

Abstract #115


**Alexander Ledet** - Elovanoids reduce microtubule-associated protein tau (MAPT) missorting.

Abstract #119


**Walter Lukiw** – Blood serum lipid mediators and pathological microRNAs linked to concussion in football players: novel biomarkers of brain injury.

Abstract #122


**Janet Rossi** - ISG15 is developmentally upregulated following TBI

Abstract #127
March 26, 2020 – Frontiers in Vision Research Lecture Series, Bascon Palmer Eye Institute, University of Miami Health System, Miami, FL
Title of Lecture – “Elovanoids: are molecular guardians of photoreceptor cell integrity: Significance for retinal degenerative diseases”

April 23, 2020 – Schepens/Mass Eye and Ear Institute Distinguished lecture, Harvard University, Boston, MA
Title of Lecture – “Elovanoids modulate the transcriptome of the retina: Significance for retinal degeneration”