

## **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 3<sup>rd</sup>:

**Title of Seminar: “Welcome to the SUN Program - “Neuroscience Research: “Tackling Key issues of Contemporary Medicine”**

July 16<sup>th</sup>: 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 Rehabilitative 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 Actualization de Conocimiento, Madrid, Spain

**Title of Lecture – “Una visión de nuevos abordages 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 1: Docosahexaenoic acid (DHA) [Video file].** In *The Biomedical & Life Sciences Collection. Henry Stewart Talks*. Retrieved October 2, 2019, from <https://hstalks.com/bs/4033/>.

**Title of Talk – Part 2: Photoreceptor protection: Significance of docosanoids and elovanoids 2: Bioactive derivatives of DHA [Video file].** In *The Biomedical & Life Sciences Collection. Henry Stewart Talks*. Retrieved October 2, 2019, from <https://hstalks.com/bs/4044/>.

September 29-October 1, 2019 – The 14<sup>th</sup> 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. BELAYEV<sup>1</sup>, A. OBENAU<sup>2</sup>, E. HADDAD<sup>2</sup>, L. KHOUTOROVA<sup>1</sup>, V. A. CRUZ FLORES<sup>3</sup>, P. MUKHERJEE<sup>1</sup>, N. A. PETASIS<sup>4</sup>, N. BAZAN<sup>1</sup>;

October 20-23, 2019 – 16<sup>th</sup> 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**

December 10, 2019 – Bio on the Bayou, An Academic Research Expo, The New Orleans  
Bioinnovation Center, New Orleans, LA

**Title of Lecture – Title to be announced**

## Nicolas G. Bazan Lectures and Meetings 2020

February 27-29, 2020 – 15<sup>th</sup> Annual Conference on Brain Injury, “Best Practices in Brain Injury Medicine and Neurorehabilitation: Improving Outcomes through Interdisciplinary Collaboration, New Orleans, LA

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

Abstract #63

February 27-29, 2020 – 15<sup>th</sup> Annual Conference on Brain Injury, “Best Practices in Brain Injury Medicine and Neurorehabilitation: Improving Outcomes through Interdisciplinary Collaboration, New Orleans, LA

**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

February 27-29, 2020 – 15<sup>th</sup> Annual Conference on Brain Injury, “Best Practices in Brain Injury Medicine and Neurorehabilitation: Improving Outcomes through Interdisciplinary Collaboration, New Orleans, LA

**Surjyadipta Bhattacharjee** - Elovanoids (ELV) protect telomere length shortening and restore of Telomerase activity upon exposure to uncompensated oxidative stress (UOS) or oligomeric amyloid  $\beta$  ( $\text{Oa}\beta$ ) recapitulating brain injury.

Abstract #115

February 27-29, 2020 – 15<sup>th</sup> Annual Conference on Brain Injury, “Best Practices in Brain Injury Medicine and Neurorehabilitation: Improving Outcomes through Interdisciplinary Collaboration, New Orleans, LA

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

Abstract #119

February 27-29, 2020 – 15<sup>th</sup> Annual Conference on Brain Injury, “Best Practices in Brain Injury Medicine and Neurorehabilitation: Improving Outcomes through Interdisciplinary Collaboration, New Orleans, LA

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

Abstract #122

February 27-29, 2020 – 15<sup>th</sup> Annual Conference on Brain Injury, “Best Practices in Brain Injury Medicine and Neurorehabilitation: Improving Outcomes through Interdisciplinary Collaboration, New Orleans, LA

**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”**