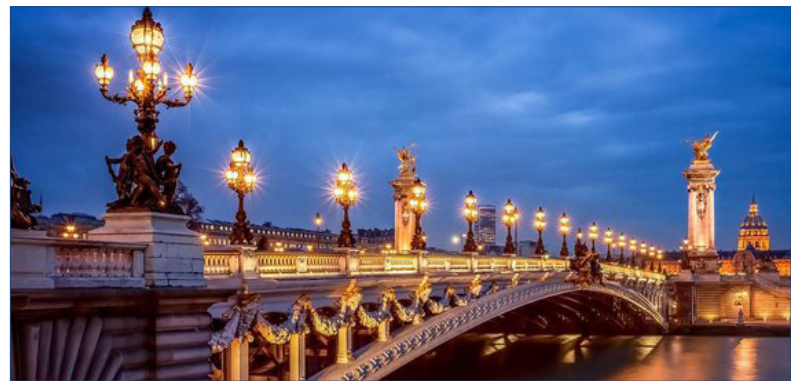
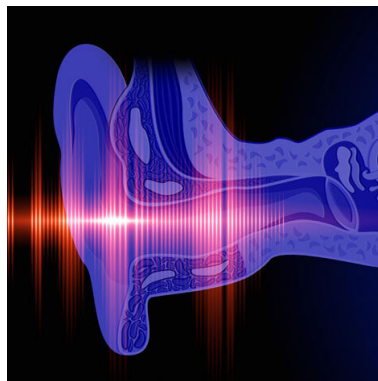


Keynote Forum
September 10, 2018

ENT & Stem Cell 2018



Joint Event
6th International Conference on
Otolaryngology: ENT Surgery
&
World Congress and Expo on
Cell & Stem Cell Research
September 10-11, 2018 | Paris, France

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Otolaryngology: ENT Surgery & Cell & Stem Cell Research

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Gustavo Ferrer

Nova Southeastern University, USA

Evidence for the best over-the-counters and natural remedies for the treatment of upper respiratory infections and postnasal drip


Cough Cures, challenges our Western mindset that over medicates. The book offers evidence for conventional and natural remedies to effectively address coughs. The book is enriched by his medical training and experience in Cuba and in the US. It's a holistic treatment approach to one of the most common reasons for unnecessary doctor's visits, over use of antibiotics, and avoidable expenses on over-the-counter medications. Cough Cures is about fending off coughs, colds and flu with the best of both worlds-conventional and natural medicines. It's about what to use instead of antibiotics, saving money on over-the-counters and natural remedies, and confidently navigating the aisles of your local Pharmacy. It teaches when to treat something safely at home, while saving hundreds of dollars on co-pays. It shares simple and effective tips for a healthy lifestyle-breathing exercises, acupressure, guided meditations-while educating you on how to read

a drug label, how to prepare for a doctor's appointment, and how to avoid unnecessary X-rays. Cough Cures includes dozens of charts and illustrations plus hundreds of research studies to back up its recommendations for natural cures. Take control of your health with this invaluable resource. "Cough Cures" will help the ENT's, Allergies and Pulmonologist by providing the necessary tools to assist patients when facing upper respiratory infections and postnasal drip.

Speaker Biography

Gustavo Ferrer is an experienced pulmonologist trained both in Cuba and the US, founder of the Cleveland Clinic Florida Cough Clinic, interstitial lung disease and president of intensive care experts. He is an authority on respiratory ailments with more than 20 years of experience. He left the Cleveland Clinic in 2013 to establish Intensive Care Experts, a practice dedicated to bringing high-quality medical advancements to acute care hospitals, long-term care hospitals, skilled nursing facilities and home-care patients.

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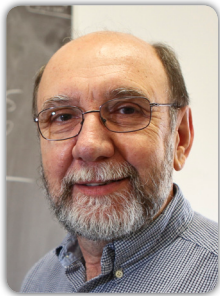
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Alexander V Galazyuk

Northeast Ohio Medical University, USA

From a basic science phenomenon to a potential tinnitus treatment

Despite the ubiquity of tinnitus, its pathophysiology is poorly understood and there is no FDA approved cure or treatment. For more than 100 years, however, it has been known that a long sound stimulus can briefly eliminate or reduce tinnitus (Spaulding, 1903), a phenomenon known as residual inhibition. About 80% of patients with tinnitus describe some degree of residual inhibition, but the underlying mechanisms remain unknown. Knowledge about this natural internal ability to suppress tinnitus by a sound might shed light on brain abnormalities leading to tinnitus. More importantly, it might help to identify therapeutic strategies for tinnitus treatment. There is basic agreement among scientists that elevated spontaneous activity in the auditory system is linked to tinnitus. Our research in mice has demonstrated that neurons in the central auditory system show a suppression of their spontaneous activity immediately after presentation of a 30-second sound. The duration of this suppression is long-lasting, resembling the duration of residual inhibition in humans. There are additional striking similarities between the nature of this suppression in mice and the basic features of residual inhibition observed in tinnitus patients. These similarities strongly suggest that this suppression could be an underlying mechanism of residual inhibition.

Our most recent work is aimed to reproduce the effects of long sounds by other means. We found that a class of neurochemical


receptors-metabotropic glutamate receptors-play a key role in the sound-induced suppression of spontaneous activity. Furthermore, the drugs targeting these metabotropic glutamate receptors, administered systemically, can reversibly suppress both spontaneous activity of auditory neurons as well as tinnitus in tinnitus-positive mice, for at least two hours. We are exploring whether these drugs could provide a potential therapeutic approach for tinnitus suppression in humans.

Supported by grants R01 DC011330 and 1F31DC013498-01A1 from the National Institute on Deafness and other Communication Disorders.

Speaker Biography

Alexander V Galazyuk accepted an appointment as assistant professor at the Northeast Ohio Medical University in Rootstown, Ohio, where he is currently an associate professor of Neurobiology. He has worked in the field of auditory neuroscience throughout his career. Much of his research was focused on the brain mechanisms underlying our ability to analyse precise timing information in sounds.

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Priprem A

Melatonin Research Group - Khon Kaen University, Thailand

Wound healing with topical food-derived antioxidants in noisome gel


Food-derived antioxidants are being increasingly investigated for their therapeutic benefits, and the development of food-derived products with anti-oxidative and anti-inflammatory activities for topical oral wound healing has been very attractive. Topical application of food-derived antioxidants, such as quercetin, melatonin, anthocyanins, may provide local or regional effects but they are not possible without effective delivery. Challenges in the delivery of active substances to the oral mucosa include the function of the mouth (mastication, swallowing), salivary secretion, enzymatic degradation and mucociliary clearance. Mucoadhesive formulations using biocompatible substances are designed to overcome these challenges in the oral cavity. In addition, food-derived antioxidants are usually labile to oxidative damage. Therefore, it is essential that a topical oral product with acceptable mucoadhesive and biocompatible properties also protects the antioxidant components from the

oxidative environment. Combinations of mucoadhesive gels with embedded niosomes, non-ionic surfactant vesicles, provides this protection via niosomal encapsulation of the food-derived antioxidants. These noisome gels are prescreened for their physicochemical characteristics before in vitro, in vivo and cell studies and clinical trials. Case studies that emphasize topical oral anthocyanins and transmucosal melatonin are focused.

Speaker Biography

Priprem A has completed her PhD at the age of 32 years from the Robert Gordon University, UK. She is the director of Melatonin Research Group and an academic staff at the faculty of pharmaceutical science, Khon Kaen University, Thailand. She has over 40 publications that have been published in international journals and conferences and she has been serving as an editorial board member of several journals.

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Rangel Chávez José

ENT Mexican Society, Mexico

Chronic nasal obstruction in children head development and its role in sleep breathing disorders pathogenesis hypothesis

The purpose of this lecture is to propose a different approach to the nature of the breathing sleep disorders. The start of the nasal breathing sets an impulse genetically determinate to aerate the face cavities, that in turn at their growth, will contribute to create a useful trafficable space from the air, during the middle face development, mainly from the toddler until the onset of adolescence.


Nose function not only has a direct role in upper airway breathing, but also a long-term impact on the development of the middle face because it allows the major forces which determine the size and development of the naso-maxillary process and maxillary sinuses due to the mechanotransduction system created by the strain and stress of the skull through strength of the muscles of the tongue, strong chewing and swallowing. Therefore, any disorder that causes permanent difficulty to nasal airflow may lead to mouth breathing, which in turn decreases the nasal airway growth stimulation of the sinus cavities, altering the development of the middle and inferior facial thirds.

As a chronic situation this condition will end in the hypo development of the middle face and the required amplitude that the child and the future adult will need for a normal breathing, favoring the increase of resistance in the upper airway and the appearance of the sleep breathing disorders and finally the obstructive sleep apnea / hypopnea syndrome. It is accepted that 60% of facial development occurs in the first four to six years of life. There is a real necessity to go further in the early diagnosis and to take preventive solutions through the creation of a multidisciplinary team of pediatricians, otorhinolaryngology's and orthodontic dentists that make this public health problem easier to treat or even disappear it at all.

Speaker Biography

Rangel Chávez José has completed his PhD at The University of Montpellier, France. He is the director at the ENT department in Hospital de Nuestra Señora de la Salud, San Luis Potosí, México. He has several publications and presentations at this subject in national and international congress.

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Gustavo Ferrer

Nova Southeastern University, USA

Complex patients, end-of-life and bedside medicine toward competency based medical education - the future of medicine

The management of complex critically ill patients has been overshadowed by use and abuse of technology and test. Research shows that critically ill patients and families often feel abandoned and rejected by the system and their doctors who no longer perform the physical exam or interact with their patients. The absence of patient-doctor-family interaction has created a gap between the patient-family-doctor relationship that can only be filled by developing a bedside teaching that understands the complexity and builds a compelling, time-sensitive connection with the patient and their families. Complex, critically ill patients offer the necessary challenge to create a Competency-Based Bedside Medical Education.

- Understand the value of bedside medicine in the management of complex patients as the basis for trust and healing.
- The effectiveness of bedside medicine in the management of complex surgical patients as the foundation for an accurate diagnosis and high-quality patient-centered care.


- How to develop the framework for assessing the bedside competencies required to manage complex surgical patients.

The participants will be able to develop and apply four pillars for an effective bedside medicine that will build the foundation for accurate diagnosis, trust, and healing.

Speaker Biography

Gustavo Ferrer is an experienced pulmonologist trained both in Cuba and the US, founder of the Cleveland Clinic Florida Cough Clinic, interstitial lung disease and president of intensive care experts. He is an authority on respiratory ailments with more than 20 years of experience. He left the Cleveland Clinic in 2013 to establish Intensive Care Experts, a practice dedicated to bringing high-quality medical advancements to acute care hospitals, long-term care hospitals, skilled nursing facilities and home-care patients.

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