

Vielight News

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"Hope is being able to see the light despite all of the darkness."

- **Desmond Tutu**, South African Human Rights Champion

Neurofeedback conference to present photobiomodulation

ISNR 2018 to host discussions on PBM potential in neurofeedback

PHOTOBIOMODULATION'S potential in neurofeedback will take the spotlight at the upcoming International Society for Neurofeedback and Research (ISNR) conference this month.

ISNR is the annual gathering of neurofeedback experts from around the world and this year, will feature a number of presentations and discussions on photobiomodulation (PBM).

ISNR's 26th annual conference is scheduled to be held at the Renaissance Phoenix Glendale Hotel & Spa in Glendale, Arizona, from October 18-20. Vielight is a Silver Sponsor of the event.

PBM discussions and presentations starts with Thomas Feiner, Director of Neurofeedback at the Institute For EEG-Neurofeedback (Germany), who will present "Frequency-Based Near Infrared Photobiomodulation" in a group discussion on October 18.



During his presentation on October 19, Dr. Lew Lim, CEO and Founder of Vielight, will highlight the prospect of improving the outcomes of neurofeedback using various devices, including the latest prototype of the Vielight Neuro Pro.

On the last day of the event, October 20th, Dr. Lim will lead a group discussion on "Evidence and New Discoveries with Vielight Photobiomodulation for Neurofeedback".

The same day, neural frequency engineer, Penijean Gracefire, will

conduct a workshop on "Lightspeed Neurofeedback: Live Z-score Modulated Pulsed NIR and Neural Connectivity" involving the integration of Vielight with Brainmaster.

During this conference, attendees will have the opportunity to learn the impact and using PBM alongside neurofeedback to produce quick and significant outcomes. The attendees will also learn how Vielight's photobiomodulation can dramatically improve their practices.

ISNR 2018 KEY PBM SESSIONS

Oct 18: 2.30 pm - 3.20 pm

Thomas Feiner's group discussion on "Frequency-based Near Infrared PBM

Oct 19: 2 pm - 2.30 pm

Dr. Lew Lim will demonstrate Vielight products and unveil the latest prototype of the Neuro Pro

Oct 20: 2.30 pm - 3.20 pm

Dr. Lim will lead a group discussion on "Evidence and New Discoveries with Vielight Photobiomodulation for Neurofeedback"

Oct 20: 3.30 pm - 6.00 pm

Penijean Gracefire's workshop on "Lightspeed Neurofeedback", involving the integration of Vielight with Brainmaster

WALT kicks off in France

GLOBAL experts from the world of photobiomodulation will meet to report on the latest innovations in this sector, when they meet up in Nice, France.

From October 1-6, 2018, Nice will host the 12th International Congress of the World Association for Laser Therapy (WALT). Viel-

ight is a sponsor of the event and will also host a booth at the exhibition, so that visitors can try different Vielight devices.

Vielight CEO and Founder Dr. Lew Lim will present how PBM could potentially lead the future for non-invasive brain stimulation, with a demonstration using the Neuro Pro.

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Biohackers to converge in Toronto

TORONTO prepares to welcome biohackers from around the world when it hosts the next round of the SPARK Biohackers Summit this month.

The Toronto edition of the Biohacker Summit will be held at the Metro Toronto Convention Center, from October 14-16, 2018.

The summit is one of the largest biohacking events in the world that connects wellness companies with medical pro-

fessionals, technology experts, investors, entrepreneurs, health and nutrition enthusiasts, and other pioneers. The aim of the conference is to make the world a healthier and happier place, prevent diseases and extend human capabilities and lifespan.

The Biohacker Summit brand is managed by Biohacker Center, an optimal human performance organization headquartered in Helsinki, Finland. The various editions of the Summit

from around the world is a joint effort between Biohacker Center and its respective local organizing partners.

Presenters at the summit include leading international figures, technologists, medical professionals, and visionaries from the fields of digital health, quantified self, life extension and biohacking.

In addition, the international participants comprises of pioneers, innovators and health and well-being industry



experts shaping the future of preventive health and optimal human performance, including entrepreneurs, investors, innovators, technologists, early adopters, medical and wellness professionals, academicians and designers.

Vielight is one of the main sponsors of the Toronto Biohackers Summit. The company will also have its own exhibition booth at the conference, where it will showcase its innovations in photobiomodulation.

Speaking about Vielight's association with the event, Dr. Lew Lim,

CEO and Founder of Vielight, said, "The Biohacker Summit is an excellent platform for us to create greater awareness about photobiomodulation as a potentially impactful tool for improving body functions."

Some notable personalities in the field of biohacking scheduled to speak are Dr. Norman Doidge, a psychiatrist, psychoanalyst, and author of the best-selling book *The Brain That Changes Itself*; Ben Greenfield, fitness trainer and triathlete, and Jon Bruney, Guinness World Record-holding strongman.



(From left) Dr. Norman Doidge, Ben Greenfield and Jon Bruney

US Alzheimer cases to double by 2060: Study

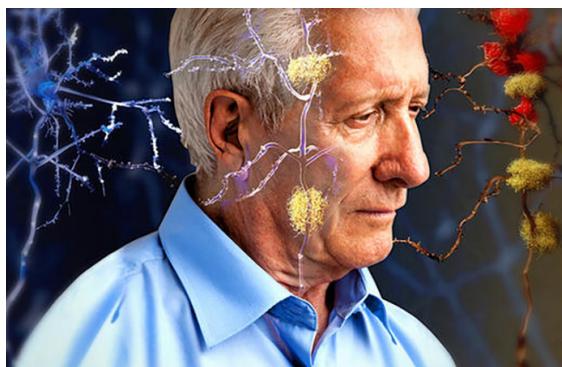
A REPORT published recently by the Centers for Disease Control and Prevention (CDC) estimates that the burden of Alzheimer's Disease and related forms of dementia in the United States will double by the year 2060.

According to the Alzheimer's Association, about 5.7 million people in the United States are living with the condition. This neuro-degenerative disease is one of the leading causes of disability and the sixth leading cause of mortality in the country. With an-

nual healthcare costs of more than \$250 billion, the disease puts a significant strain on the nation's healthcare system.

Age is the most significant risk factor for Alzheimer's Disease. Thus, as the population of the United States — along with that of the world — increases, it is important to ask: how many people will develop this form of dementia in the coming decades?

CDC researchers set out to investigate, and published their findings in *Alzheimer's & Dementia: The Journal of the Alzheimer's Associa-*



tion.

Researcher Kevin Matthews, who currently works at CDC's National Center for Chronic Disease Prevention and Health Promotion, in Atlanta, Georgia, is the

first author of the paper. He and his colleagues also looked at race and ethnicity, which are two "important demographic risk factors" for Alzheimer's Disease.

Matthews and his col-

leagues used population projections obtained from the US Census Bureau to calculate the projected number of seniors with Alzheimer's in the year 2060. Vielight, along with eight clinical sites, are in the process of launching clinical trials to test the efficacy of its Neuro Rx Gamma for Alzheimer. These trials, to provide further verification of earlier clinical trial results, were launched after clinical cases and anecdotal reports showed significant improvement with the Vielight Neuro Gamma.

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