

**BIOLUX RESEARCH ANNOUNCES PRESENTATION
OF ACCELERATED ORTHODONTIC STUDY
RESULTS AT INTERNATIONAL ASSOCIATION FOR
DENTAL RESEARCH GENERAL SESSION 2010.**



VANCOUVER, B.C., CANADA – June 10, 2010 – Biolux Research Ltd. is pleased to announce that important results from our accelerated orthodontics research program will be presented at the upcoming International Association for Dental Research (IADR) General Session in Barcelona, Spain, July 14-17, 2010. The IADR is the pre-eminent research organization in the world of dentistry, with a mission to advance research and increase knowledge for the improvement of oral health worldwide, to support and represent the oral health research community, and to facilitate the communication and application of research findings. This year's meeting will be highly attended by more than 5000 members from all corners of the globe.

The oral presentation will be given by the principal investigator of the study, Dr. Alpdogan Kantarci, DDS and PhD, Associate Professor of Periodontology and Oral Biology, Goldman School of Dental Medicine at Boston University. Dr. Kantarci will be co-chairing a session entitled *Biology of Tooth Movement*, including his presentation *Photobiomodulation-Induced Orthodontic Tooth Movement*.

Dr. Kantarci will present results from the study which examined the effects of non-invasive photobiomodulation on tooth movement in an animal model, comparing treated versus controls. Specific results focusing on effects of treatment on quantity of tooth movement, including both tipping and bodily movement, as well as the quality of bone regeneration will be discussed. Significant acceleration of tooth movement, three to five times faster compared to controls, was achieved in the study.

"The study results demonstrate the efficacy of photobiomodulation-facilitated orthodontic tooth movement at the biological level," states Dr. Kantarci. "The experimental model used in this study clearly shows that photobiomodulation increases the magnitude and rate of the tooth movement compared to the conventional technique *in vivo*. The findings are crucial for understanding the osteoclast-mediated bone turnover during the orthodontic tooth movement, which is significantly enhanced by the photobiomodulation. Compared to the other available surgical means of accelerating orthodontic tooth movement such as corticotomy, photobiomodulation offers a simple, truly non-invasive and predictable technique."

Currently, the team of researchers led by Dr. Kantarci at Boston University is focusing on translating these findings to human clinical trials and they expect that the technique will increase the acceptance by the orthodontic patients, who frequently find the surgical approaches too invasive. The current study's findings represent a major breakthrough and an innovation in accelerated orthodontic therapy, offering dental professionals a viable, non-invasive option for dramatically reducing orthodontic treatment timelines.

About Biolux Research

Biolux Research Ltd. is a world leader in the development of Light Accelerated Bone Regeneration systems for dentistry. Biolux focuses on product development, clinical and basic research, and its proprietary, patent-pending OsseoPulse™ Bone Regeneration System has been developed to enhance clinical outcomes in implantology and oral surgery by accelerating implant integration and bone regeneration in a safe, effective and non-invasive approach. www.bioluxresearch.com

For More Information:

Kevin Strange
President & CEO
Biolux Research Ltd.
+1 (250) 686-1120
k.strange@bioluxresearch.com