



IADR/Kulzer Travel Award: Kulzer supports young scientists

**How can dental materials be innovated and improved? Young scientists have done research on these topics. As acknowledgment for their research work, five scientists were awarded with the IADR/Kulzer Travel Award.**

Hanau/05.09.2018. This year, 20 young scientists from 13 countries had applied for the 9<sup>th</sup> IADR/Kulzer Award that was established by Kulzer in 2010. The winners are selected by the independent Scientific Committee of the IADR Dental Materials Group. The award is granted to one researcher from each of the following regions: North America, Latin America, Europe, Africa/Middle East and Asia/Pacific. With its financial support covering the travel expenses Kulzer enables the award winners to attend the IADR General Session & Exhibition, which this year took place in London from July 25 to 28.

This year, the award was granted to Maher Mohamed from the Faculty of Dentistry, Alexandria University (Egypt), Maher Eldafrawy from University of Liège (Belgium), Pimpinee Eamsa-ard from Graduate School of Dentistry, Hokkaido University (Japan), Cameron Stewart from University of Toronto (Canada) and Isabel Olegário from University of Sao Paulo (Brazil).

By means of the award, Kulzer wants to encourage young investigators to research on new testing methods for dental materials. The young scientists' potential was once again demonstrated by their research topics they presented at the IADR meeting in London: Maher Mohamed found out that the shading of monolithic zirconia CAD/CAM blanks using a powder mixing method does not affect the mechanical properties of the shaded restorations. Maher Eldafrawy came to the conclusion that a silane pre-treatment of polymer-infiltrated ceramic network CAD/CAM blocks improves the bonding effectiveness to a light curing resin cement. Pimpinee Eamsa-ard investigated how the light condition affects the bonding effectiveness of dual-curing adhesive cements: A new adhesive cement showed same results if the cement was light cured or not, whereas the other 2 tested cements showed higher bond strength when light cured. Cameron Stewart showed in his work the long-term antimicrobial effect of novel octenidine silica particles to prevent restorative materials from bacterial degradation. Isabel Olegário's results of a 3-year randomized clinical trial displayed that glass ionomer and compomer restorations had a higher longevity for the atraumatic restorative treatment of posterior dentin caries lesions in primary molars than glass carbomer cements.

Next year's IADR Meeting will take place in Vancouver from 19 to 22 June. Kulzer will also support the IADR Kulzer Travel Award in 2019. Here you will find more details on



the award and the application procedure as well as information on the selection process:  
<http://www.iadr.org/IADR/Awards/Grants-Awards/Kulzer>.

**Figure**



The winners of the IADR/Kulzer Travel Award (from left to right): Pimpinee Eamsa-ard, Isabel Olegário, Maher Mohamed, Cameron Stewart, Maher Eldafrawy with Dr. Janine Schweppe from Kulzer.



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## **About Kulzer**

As one of the world's leading dental companies, Kulzer has been a reliable partner for all dental professionals for more than 80 years. Whether aesthetic or digital dentistry, tooth preservation, prosthetics or periodontology, Kulzer stands for trusted and innovative dental products. With optimal solutions and services, Kulzer aims to support its customers in restoring their patients' oral health in a safe, simple and efficient way. For this purpose, 1500 employees work in 26 locations in the fields of research, manufacturing and marketing.

Kulzer is part of the Mitsui Chemicals Group. The Japanese Mitsui Chemicals Inc. (MCI) based in Tokyo owns 131 affiliates with more than 13,400 employees in 27 countries. Its innovative and functional chemical products are as much in demand in the automotive, electronics and packaging industries as in environmental protection and healthcare.

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