

Vancouver, September 12, 2015

IFEA research grant 2015

Applicants	Study title	+	-
Carmen Llana Puy Universitat de València Spain	Photodynamic Therapy In Root Canal Disinfection	Good group, ambitious plan, relevant topic, modern methodology	- PDT shown to be ineffective in root canal - should use modified PDT - pilot experiments?
Ikhlas El Karim School of Medicine, Dentistry and Biomedical Sciences, Queen's University Belfast, North Ireland, UK	Modulation of Neuronal Transient Receptor Potential (TRP) Channels by Mas Related Gene (Mrg) Receptors: A novel mechanism for thermally induced dental pain	Good publishing record, ambitious plan, relevant topic, modern methodology	- the overall plan goes far beyond the IFEA grant, could have specified better which part is applied for
Jeeraphat Jantararat Mahidol University Thailand	The efficiency of various concentrations of silk fibroin hydrogel scaffold for stem cell of apical papilla (SCAP) proliferation	Good publishing record, realistic, not too extensive plan, relevant topic, modern methodology, strong international mentoring group	
Farzana Paleker University of Pretoria, South Africa	Comparison of Canal Transportation and Centering Ability of K-files, the ProGlider file and G-Files: A Micro-Computed Tomography Study of Curved Root Canals	Topic relevant but not quite as novel as some of the other study topics in this IFEA application round.	The topic is not "very urgent" as several corresponding studies already published with minor differences between instruments

Summary: This year four good applications, three first ones are quite at the same quality level. Any of them merits support. XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXsuitable to give the application from Dr. Jeeraphat Jantararat, Thailand the priority. Key decision points: important topic for "future endodontics", realistic plan, strong mentor group.

Recommendation for the award: **Dr. Jeeraphat Jantararat**

Markus Haapasalo, research committee chair

