



Friday, 8 May 02:45 pm-03:20 pm

Bioactive Restoratives in Operative Dentistry - science, clinical applications and challenges

BIOMIMETIC ENAMEL LESION REPAIR USING SELFASSEMBLING PEPTIDES

Conservative dentistry of the 21st century is evolving from clinical to subclinical level. In this way, the treatment of carious lesions no longer needs destruction of sound dental tissue by preparation of cavities for classic restorations. This is a quantum leap towards sustainable dentistry which was made possible by the development of novel caries diagnosis tools such as IR-transillumination and therapeutic procedures such as self-assembling peptides. The lecture will focus on the concept of subclinical dentistry and its clinical application.

IVO KREJCI



Prof. Dr. Ivo Krejci received his Dr. med. dent. degree in 1986 and his Privatdozent (Switzerland) in 1993 from the University of Zurich, Switzerland. He is Fellow of the Academy of Dental Materials and has a postgraduate specialization training diploma of the Swiss Society of Preventive and Restorative Dentistry. Prof. Krejci has published over 350 articles and book chapters on restorative topics and is author of several textbooks. Prof. Krejci has supervised more than 60 doctoral theses and has lectured on numerous international scientific meetings and continuing education courses. From 1998 to 2022, Prof. Krejci served as an ordinary professor and chairman of the Division of Cariology and Endodontology, University of

Geneva, Switzerland. In addition, 1999-2004 he was the director of the TERBO Department, Section de Médecine Dentaire, University of Geneva. 2000-2009 he was vice-president of the Section de Médecine Dentaire, University of Geneva. 2009-2018 he served as the president of the University dental Clinics (CUMD) of the University of Geneva. 2014-2022 he was director of the Department for preventive dental medicine and comprehensive dental care of the University of Geneva. From 2015 on, he was the founder and director of the Master of Advanced Studies in Microinvasive Esthetic Dentistry and from 2019 on, together with Prof. Irena Sailer, co-founder and co-director of the Master of Advanced Studies in Digital Dental Technologies at the University of Geneva. 2011-2022 he served as scientific advisor of the Geneva school of dental hygienists. From 2022 on, Prof. Krejci is professor emeritus at the University of Geneva, Switzerland and chief medical officer (CMO) at SwissDentalNetwork SA, Geneva, Switzerland. He is also founder of Subclinical dentistry.