

# Lunchtime Science

Invitation to institute-wide seminar:  
March 21<sup>th</sup>, 2018, 12:15 pm, Lecture hall 3

**Professor Delia Brauer**

## “Bioactive glasses — from bone regeneration to dental remineralisation”

Since their development in the early 1970's and their first clinical use in the mid-1980's, bioactive glasses have constantly attracted the research interest of scientists and clinicians owing to the fascinating properties these glasses show: They were the first man-made material to form an integrated bond with bone and they degrade over time and thus allow for bone to be regenerated. Bioactive glass implants release therapeutic ions which stimulate cell behaviour and can obviate the need for supplementation with growth factors. Lately, bioactive glasses have shown increasing commercial success, and besides the use as synthetic bone grafts new uses for bioactive glasses have emerged, e.g. as remineralising additives in toothpastes.



**Professor Delia Brauer**

Professor of Bioactive Glasses, Otto Schott Institute of Materials Research  
Friedrich Schiller University Jena, Germany

The presentation is meant for clinicians and researchers alike.  
Coffee and cookies will be served. Next lecture: April 18<sup>th</sup>, 2018