

Global COE Program

グローバルCOEプログラム

・国際的に卓越した教育研究拠点形成のための重点的支援・

## 第48回グローバルCOE海外研究者講演会共催

### 歯と骨の分子疾患科学の国際教育研究拠点

ーデント・メドミクスのインテリジェンスハブー

講師: **Dr. Andreas F. Bindl**

Senior Lecturer and Assistant Professor  
University of Zurich, Switzerland



講師: **Dr. Lutz Ritter**

Clinical Instructor  
University of Cologne, Germany



日時: 平成23年10月11日(火)  
16時00分～19時00分

場所: 歯科棟南4階 歯学部特別講堂

演題: “**Digital Dentistry with CAD/CAM and Cone Beam Computed Tomography and their Applications in Implantology**”

Dental CAD/CAM systems and cone beam computed tomography (CBCT) opened new diagnostic and treatment possibilities previously not available for dentists. CBCT technology permits to diagnose anatomical and prosthetic conditions and requirements while CAD/CAM systems as the Cerec system allow to design and manufacture a wide variety of restorations.

Combining these technologies offer new options in various fields. The lecture will outline how these technologies can be utilized in implantology for implant planning, surgery and designing and manufacturing of implant super structures.