

# 大学院特別講義のご案内

日時： 11月7日(火) 17:30～19:00

場所： E棟2階 セミナー室 (医療情報の隣の部屋)

講師： 岩田 淳一 先生

(The University of Texas Health Science Center at Houston, School of Dentistry Department of Diagnostic & Biomedical Sciences)

演題： 「Cell Metabolism in Craniofacial Development and Diseases」

要旨： Cholesterol is important in many ways; as a structural lipid in cellular membranes to maintain membrane structural integrity and fluidity; formation of specialized microdomains called lipid rafts, which are organizing centers for the assembly of signaling molecules; an obligatory biogenic precursor for steroid hormones, oxysterols, vitamin D, and bile acids. In our studies, we found that the proper amount of cellular cholesterol is crucial for a wide variety of craniofacial biological processes. This talk will cover two examples related to cholesterol metabolic disorders; craniofacial bone formation and saliva production. I will present data from our recent work and discuss new insights into the role of cholesterol metabolism in craniofacial development and diseases.

※「口の難病」セミナーを兼ねます。

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