

# 大学院特別講義のご案内

日時: 5月23日(月) 17:00~18:30

場所: F棟中会議室 (F棟5階)

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## 演題: 「Teeth and Genetic Syndromes」

A number of dental patients have genetic disorders which may have systemic involvements such as congenital heart diseases and brain disorders. The ability to recognize if your patients have genetic syndromes is beneficial for your clinical practice and the understanding of human development. Patients with Microcephalic Osteodysplastic Primordial Dwarfism type II have been reported to have the smallest teeth in the world and some of them have been reported to have strokes at very young ages. Patients with Amelogenesis Imperfecta, hypoplastic type may have nephrocalcinosis or kidney stones if they have mutations in *FAM20A*.

This syndrome is known as “Enamel-Renal-Gingival Syndrome”. The lecture will cover common genetic syndromes and how to recognize them. The syndromes that will be included are Holoprosencephaly, X-linked hypohidrotic ectodermal dysplasia, Ellis-van Creveld syndrome, Rapp-Hodgkin syndrome, AEC syndrome, and Van der Woude syndrome etc. In addition this lecture will also demonstrate how writing case report is important for understanding human biology.