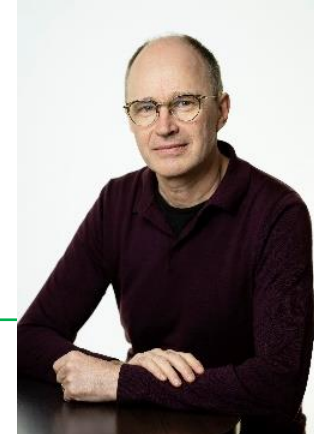


大学院特別講義のご案内

日時: 2024年 10月 28日(月) 17:30~19:00

場所: F棟5階 弓倉記念ホール



講師: **Professor. David Rice**

Professor, Director of Dentistry and Head of Orthodontics at the University of Helsinki and Helsinki University Hospital

演題: 「Understanding the genetics of Cleft Lip/Palate and Malocclusion: the relevance of GWAS studies to clinical practice」

This talk will focus on what we know about the genetic regulation of the face. I will look into what makes us appear and function similarly to our parents. But also look into what makes us look different from one another and why some of us have a strong malocclusion and others have a facial malformation such as cleft lip and /or cleft palate. I will present findings from my own research group that focuses on: 1. early morphogenetic events during facial development, 2. individual patient phenotype/genotype correlations and 3. population-based GWAS studies. I will show how data from these studies are helping us understand the critical stages of development and what key regulatory mechanisms can go wrong and result in a craniofacial deformity or a malocclusion. I will also describe how these findings are helping patients and clinicians understand their conditions and how this information may be used in the future. This talk will be interesting to both clinicians as well as the most committed craniofacial researchers.