Lab News

After 6 years and 3,300 subjects, the School of Dental Medicine Dental Registry and DNA Repository is starting to make concrete contributions to the understanding of etiology of some common dental conditions. It has shown that genes predispose individual susceptibility to caries, periodontal disease, and development of periapical lesions, and has even pointed to possible new mechanisms for class III malocclusion involving muscle related genes (references are listed to the left below). The project has also created many opportunities for faculty and students to work on research and continues to thrive on the contributions from these individuals. Financial support for this project has been provided by the School of Dental Medicine and the Clinical and Translational Science Institute (CTSI).

References


MMP3 and TIMP1 variants contribute to chronic periodontitis and may be implicated in disease progression. Letra A, Menezes R, Rylands RJ, Silveira EM, Souza AP, Wendell SK, Garlet GP, Vieira AR. J Clin Periodontol [In Press]