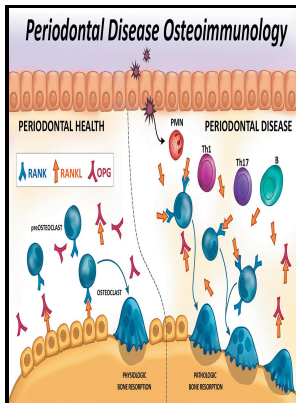


# Cellular and biochemical aspects of the human periodontal diseases

University of Birmingham - Chemokines in Oral Inflammatory Diseases: Apical Periodontitis and Periodontal Disease



Description: -

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**Diabetes mellitus: biochemical, histological and microbiological aspects in periodontal disease**

TIMP-2: It is a 194-amino acid unglycosylated protein of 21.

**Ehlers**

Conclusions As the literature reviewed in this paper makes clear, the association between DM and periodontal diseases is an established fact; it is clear that glycemic control improves periodontal conditions, while the management of periodontal infection improves the metabolic status of diabetic patients. The gingival enlargement results in both esthetic and functional problems for affected individuals. Two other members of the MT-MMP subfamily, MMP-17 MT4-MMP and MMP-25 MT6-MMP are anchored to the plasma membrane via a glycosyl-phosphatidyl inositol GPI anchor.

**The association between rheumatoid arthritis and periodontal disease**

The Fc gamma receptor genotype as a risk factor for generalized early-onset periodontitis in Japanese patients. Metallomatrix proteinases Under a clinically healthy gingival situation, the continuous cellular composition and decomposition processes in the periodontium are balanced, so that collagen decomposing MMP and tissue inhibitors of MMP TIMPs , for example, are always to be found. There are findings that support the hypothesis that oral infections play a role in RA pathogenesis.

**Association of Periodontal Diseases with Genetic Polymorphisms**

Effect of genetic variability on the inflammatory response to periodontal infection. The same pathogen must be re-isolated from the host infected under experimental conditions.

**Biology/Oral Biology**

Periodontol 2000 2007; 43:102—132 3. Regulation of MMP activity MMP activity can be controlled at various levels: transcription by cytokines , proteolytic activation of the zymogen form via plasmin-dependent or MMP-dependent pathway , and inhibition of the active enzyme 8.

### **Diabetes and Periodontal Diseases: An Established Two**

Tooth loss in 100 treated patients with periodontal disease.

### **List of periodontal diseases**

Appearance of folate binder in leukocytes and serum of women who are pregnant or taking oral contraceptives. Moore WE, Moore LV: The bacteria of periodontal diseases. The orange and red complexes are comprised of the species thought to be the major etiologic agents of periodontal diseases.

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