

**LEMBAR PENGESAHAN  
BAHAN AJAR NON ISBN**

|   |            |   |   |
|---|------------|---|---|
| 1 | Judul      | : | Molekular Pathogenesis Penyakit Periodontal |
| 2 | Penyusun   | : | drg. Dian Yosi Arinawati, MDSc, PhD         |
| 3 | NIK        | : | 19880106201410 173 215                      |
| 4 | Unit Kerja | : | Program Studi Kedokteran Gigi FKIK UMY      |

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Ketua Program Studi



(Dr. drg. Erlina Sih Mahanani, M. Kes)  
NIP/NIK: 19701014200410173067

# Molekular Pathogenesis Penyakit Periodontal

**drg. Dian Yosi Arinawati, MDSc, PhD**

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**Prodi Kedokteran Gigi**

**Fakultas Kedokteran dan Ilmu Kesehatan**

**Universitas Muhammadiyah Yogyakarta**

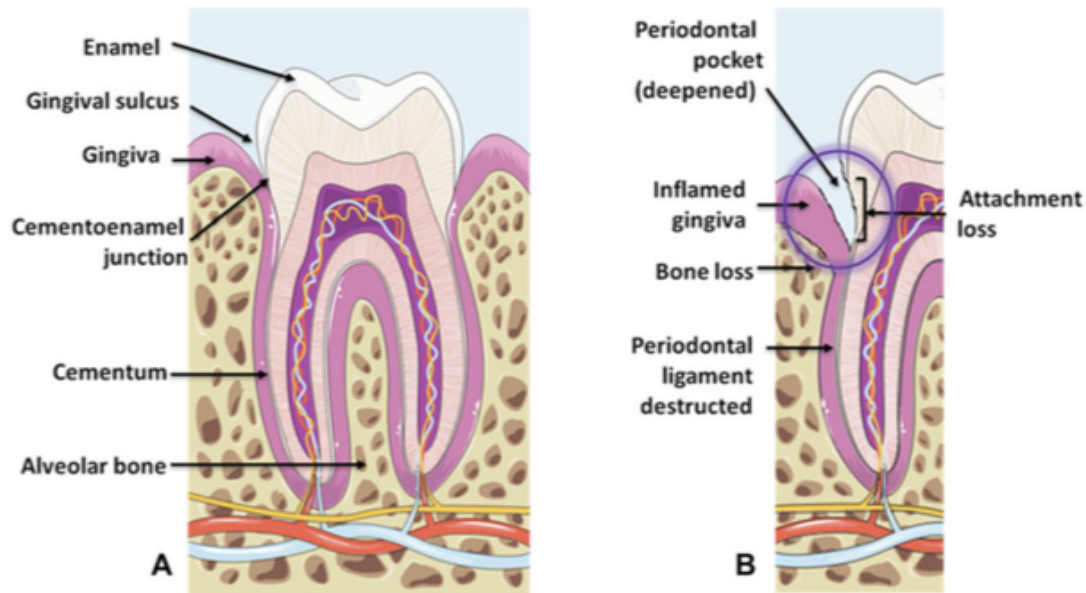
# Overview

1. Pendahuluan
2. Histopatologi jaringan periodontal
3. Pathogenesis of periodontitis

# PENDAHULUAN

- **JARINGAN PERIODONSIUM**
  - Merupakan sistem organ yang terdiri atas:
    - Jaringan keras : tulang dan sementum
    - Jaringan lunak : periodontal ligament dan gingiva
  - Fungsi:
    - Menjaga stabilitas gigi
    - Fiksasi dan adaptasi terhadap aktifitas mekanis dan biokimia di rongga mulut

# PERUBAHAN HISTOPATOLOGI JARINGAN PERIODONTAL



**Figure 1.**

Overview of the major histopathological changes found in periodontitis. (A) A periodontally healthy site with the most important histological structures depicted. (B) A periodontally affected site showing an inflamed gingiva due to microbial colonization, a deepened periodontal pocket, attachment loss and loss of periodontium structures (bone and periodontal ligament). The purple circle illustrates a critical area of inflammation and disease progression. Images were adapted from Servier Medical Art (<http://www.servier.com>).