

Single-cell and Spatial Transcriptomic Profiling of Gingival Tissues in Aggressive and Chronic Periodontitis: Deciphering Cellular Heterogeneity and Inflammatory Microenvironment Features

NCT07487272

Status	RECRUITING
Sponsor	Second Affiliated Hospital, School of Medicine, Zhejiang University
Enrollment	9 participants

Key Eligibility Criteria

Inclusion (16)

- Aggressive Periodontitis Patients:
- Aged 20-35 years
- Radiographic evidence of at least 30% vertical bone loss at e2 tooth sites
- Can be classified as Stage III/IV, Grade C periodontitis according to the 2018 new classification of periodontitis
- With or without family history of periodontitis
- ... and 11 more (see full listing online)

Exclusion (8)

- Use of antibiotics within the past 3 months
- Smoking >10 cigarettes per day
- Uncontrolled severe diabetes (HbA1c level ≥6.7%)
- Planning pregnancy, currently pregnant, or breastfeeding
- Alcohol or drug addiction
- ... and 3 more (see full listing online)

Locations (1 total)

2nd Affiliated Hospital, School of Medicine, Zhejiang University, China, Hangzhou, Zhejiang, China