**CD81+ senescent fibroblasts exaggerate inflammation and activate neutrophils via C3/C3aR1 axis in periodontitis**

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**Declaration of Competing Interest**

The authors declare that they have no known competing financial interests or personal relationships that could have appeared to influence the work reported in this paper.

**Table A. Basic information of included clinical patients**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sample** | **Group** | **Gender** | **Age(year)** | **Usage** |
| Patient 1  | Healthy | Male | 21 | Primary cell culture |
| Patient 2  | Female | 20 |
| Patient 3 | Female | 33 | Histological analysis |
| Patient 4  | Male | 25 |
| Patient 5  | Male | 27 |
| Patient 6 | Male | 28 | Frozen section |
| Patient 7  | Male | 22 |
| Patient 8  | Male | 24 |
| Patient 9  | Chronic Periodontitis | Female | 52 | Primary cell culture |
| Patient 10 | Male | 62 |
| Patient 11  | Female | 60 | Histological analysis |
| Patient 12  | Female | 50 |
| Patient 13  | Female | 44 |
| Patient 14  | Male | 25 | Frozen section |
| Patient 15  | Male | 37 |
| Patient 16  | Female | 28 |

**Table B.** Primer sequences for real-time PCR

|  |  |  |
| --- | --- | --- |
| Gene | 5'-3' | Primer Sequences (5'- 3') |
| Mouse-*p16* | Forward Primer | TGTTGAGGCTAGAGAGGATCTTG |
| Reverse Primer | CGAATCTGCACCGTAGTTGAGC |
| Mouse*-p21* | Forward Primer | TCGCTGTCTTGCACTCTGGTGT |
| Reverse Primer | CCAATCTGCGCTTGGAGTGATAG |
| Mouse-*Tp53* | Forward Primer | GTCACAGCACATGACGGAGG |
| Reverse Primer | TCTTCCAGATGCTCGGGATAC |
| Mouse-*β-actin* | Forward Primer | AGATGACCCAGATCATGTTTGAGA |
| Reverse Primer | AGAGCCACCAATCCACACAG |