

# Journal of Dental Research

Table of Contents Alert

[Journal of Dental Research- Volume: 98, Number: 5 \(May 2019\)](#)

## Departments

### JDR Centennial Series

[A History of Innovations in the Diagnosis and Treatment of Oral and Head and Neck Cancer](#) [P.J. Polverini](#) and [M.W. Lingen](#)

[JDR Historical Highlights #5](#) [Nick Jakubovics](#)

### Reviews

#### Critical Reviews in Oral Biology & Medicine

[Saccharibacteria \(TM7\) in the Human Oral Microbiome](#) [B. Bor](#), [J.K. Bedree](#), [W. Shi](#), [J.S. McLean](#), and [X. He](#)

### Research Reports

#### Clinical

[Impact of Dental Diseases on Quality-Adjusted Life Expectancy in US](#)

[Adults](#) [Y. Matsuyama](#), [G. Tsakos](#), [S. Listl](#), [J. Aida](#), and [R.G. Watt](#)

[Aberrant Collagen Cross-linking in Human Oral Squamous Cell](#)

[Carcinoma](#) [T. Saito](#), [K. Uzawa](#), [M. Terajima](#), [M. Shiiba](#), [A.L. Amelio](#), [H. Tanzawa](#), and [M. Yamauchi](#)

[Association of Periodontitis with Oral Cancer: A Case-Control Study](#) [Y.J.](#)

[Shin](#), [H.W. Choung](#), [J.H. Lee](#), [I.C. Rhyu](#), and [H.D. Kim](#)

[Periodontitis Is Associated with Chronic Obstructive Pulmonary Disease](#) [K.](#)

[Takeuchi](#), [K. Matsumoto](#), [M. Furuta](#), [S. Fukuyama](#), [T. Takeshita](#), [H. Ogata](#), [S. Suma](#), [Y. Shibata](#), [Y. Shimazaki](#), [J. Hata](#), [T. Ninomiya](#), [Y. Nakanishi](#), [H. Inoue](#), and [Y. Yamashita](#)

[WDR72 Mutations Associated with Amelogenesis Imperfecta and](#)

[Acidosis](#) [H. Zhang](#), [M. Koruyucu](#), [F. Seymen](#), [Y. Kasimoglu](#), [J.-W. Kim](#), [S. Tinawi](#), [C. Zhang](#), [M.L. Jacquemont](#), [A.R. Vieira](#), [J.P. Simmer](#), and [J.C.C. Hu](#)

[Association of Maternal Vitamin D Deficiency with Early Childhood](#)

[Caries](#) [R. Singleton](#), [G. Day](#), [T. Thomas](#), [R. Schroth](#), [J. Klejka](#), [D. Lenaker](#), and [J. Berner](#)

### Research Reports

#### Biomaterials & Bioengineering

[Enhanced Cell Response to Zirconia Surface Immobilized with Type I](#)

[Collagen](#) [C.M. Hsu](#), [Y.S. Sun](#), and [H.H. Huang](#)

[MMP-8-Responsive Polyethylene Glycol Hydrogel for Intraoral Drug](#)

[Delivery](#) [J. Guo](#), [H. Sun](#), [W. Lei](#), [Y. Tang](#), [S. Hong](#), [H. Yang](#), [F.R. Tay](#), and [C. Huang](#)

### Research Reports

#### Biological

[Crucial and Overlapping Roles of Six1 and Six2 in Craniofacial](#)

[Development](#) [Z. Liu](#), [C. Li](#), [J. Xu](#), [Y. Lan](#), [H. Liu](#), [X. Li](#), [P. Maire](#), [X. Wang](#), and [R. Jiang](#)

[Wnt Production in Dental Epithelium Is Crucial for Tooth Differentiation](#)

[Y. Xiong](#), [Y. Fang](#), [Y. Qian](#), [Y. Liu](#), [X. Yang](#), [H. Huang](#), [H. Huang](#), [Y. Li](#), [X. Zhang](#), [Z. Zhang](#), [M. Dong](#), [M. Qiu](#), [X.J. Zhu](#), and [Z. Zhang](#)

[ACC Plasticity Maintains Masseter Hyperalgesia Caused by Occlusal](#)

[Interference](#) [X.X. Xu](#), [Y. Cao](#), [S.Y. Mo](#), [Y. Liu](#), and [Q.F. Xie](#)

[C5L2 Regulates DMP1 Expression during Odontoblastic Differentiation](#)

[F. Chmielewsky](#), [R. Liang](#), [M. Kanazawa](#), [I. About](#), [L.F. Cooper](#), and [A. George](#)