



Journal of Dental Research

Table of Contents Alert

Journal of Dental Research- Volume: 98, Number: 13 (December 2019)

Departments

Editorial

Women in Science—A Century of Innovation and Leadership [W.V. Giannobile](#) and [J.S. Feine](#)

Departments

JDR Centennial Series

The Evolution of Neuroscience as a Research Field Relevant to Dentistry [K. Iwata](#) and [B.J. Sessle](#)

Behavioral Sciences in the Promotion of Oral Health [C. McGrath](#)

100 Years of the Journal of Dental Research: A Bibliometric Analysis [P. Ahmad](#), [M.K. Alam](#), [N.S. Jakubovics](#), [F. Schwendicke](#), and [J.A. Asif](#)

JDR Historical Highlights #13 [Nick Jakubovics](#)

Reviews

Critical Reviews in Oral Biology & Medicine

The Biology of Social Adversity Applied to Oral Health [N. Gooma](#), [H. Tenenbaum](#), [M. Glogauer](#), and [C. Quiñonez](#)

Botulinum Toxin Type A in Dental Medicine [V.R.M. Muñoz Lora](#), [A.A. Del Bel Cury](#), [B. Jabbari](#), and [Z. Lacković](#)

Nell-1 Is a Key Functional Modulator in Osteochondrogenesis and Beyond [C. Li](#), [X. Zhang](#), [Z. Zheng](#), [A. Nguyen](#), [K. Ting](#), and [C. Soo](#)

Reviews

Clinical Review

Effectiveness and Safety of Minimally Invasive Orthodontic Tooth Movement Acceleration: A Systematic Review and Meta-analysis [T. Fu](#), [S. Liu](#), [H. Zhao](#), [M. Cao](#), and [R. Zhang](#)

Research Reports

Clinical

[CD103+ T and Dendritic Cells Indicate a Favorable Prognosis in Oral Cancer](#)Y. Xiao, H. Li, L. Mao, Q.C. Yang, L.Q. Fu, C.C. Wu, B. Liu, and Z.J. Sun

[Subgingival Microbiota and Longitudinal Glucose Change: The Oral Infections, Glucose Intolerance and Insulin Resistance Study \(ORIGINS\)](#)R.T. Demmer, P. Trinh, M. Rosenbaum, G. Li, C. LeDuc, R. Leibel, A. González, R. Knight, B. Paster, P.C. Colombo, M. Desvarieux, P.N. Papapanou, and D.R. Jacobs, Jr

[Efficacy of Proximal Resin Infiltration on Caries Inhibition: Results from a 3-Year Randomized Controlled Clinical Trial](#)M.C. Peters, A.R. Hopkins, Jr, L. Zhu, and Q. Yu

Research Reports

Biological

[Horizontal and Vertical Transfer of Oral Microbial Dysbiosis and Periodontal Disease](#)M.A. Payne, A. Hashim, A. Alsam, S. Joseph, J. Aduse-Opoku, W.G. Wade, and M.A. Curtis

[Periodontal Pathogens Modulate Lipid Flux via Fatty Acid Binding Protein 4](#)D.J. Kim, J.H. Rho, B.H. Woo, J.Y. Joo, J.Y. Lee, J.M. Song, J.H. Lee, and H.R. Park

[Loss of Discoidin Domain Receptor 1 Predisposes Mice to Periodontal Breakdown](#)M.B. Chavez, T.N. Kolli, M.H. Tan, C. Zachariadou, C. Wang, M.C. Embree, E.J. Lira Dos Santos, F.H. Nociti, Jr, Y. Wang, D.N. Tatakis, G. Agarwal, and B.L. Foster

[Estrogen Selectively Enhances TMJ Disc but Not Knee Meniscus Matrix Loss](#)Y. Park, S. Chen, N. Ahmad, T. Hayami, and S. Kapila

[Transcriptomic and Single-Cell Analysis of the Murine Parotid Gland](#)A. Oyelakin, E.A.C. Song, S. Min, J.E. Bard, J.V. Kann, E. Horeth, K. Smalley, J.M. Kramer, S. Sinha, and R.A. Romano

Letters to the Editor

[Letter to the Editor: "Fluoride Mode of Action"](#)E. Newbrun

[Response to the Letter to the Editor: "Fluoride Mode of Action"](#)J.M. ten Cate and M.A.R. Buzalaf