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## Issue Information

### Issue Information

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### Position Statement

#### **European Society of Endodontology position statement: Use of cone beam computed tomography in Endodontics: European Society of Endodontology (ESE) developed by:**

S. Patel, J. Brown, M. Semper, F. Abella, F. Mannocci

Pages: 1675-1678 | First Published: 13 July 2019

### Basic Research – Biological

#### **Impact of infected and noninfected human dentine debris on bone healing in rats**

F. G. Pappen, S. R. Xavier, K. J. Pilownic, L. G. P. Santos, A. P. N. Gomes, A. C. Felix, F. F. Demarco, E. M. Souza

Pages: 1679-1690 | First Published: 26 June 2019

#### **Vascular endothelial growth factor A/Vascular endothelial growth factor receptor 2 axis promotes human dental pulp stem cell migration via the FAK/PI3K/Akt and p38 MAPK signalling pathways**

X. Sun, L. Meng, W. Qiao, R. Yang, Q. Gao, Y. Peng, Z. Bian

Pages: 1691-1703 | First Published: 03 July 2019

#### **Lipopolysaccharide-induced DNA damage response activates nuclear factor $\kappa$ B signalling pathway via GATA4 in dental pulp cells**

W. Qiao, Y. Huang, Z. Bian, X. Sun, X. Wang, Q. Gao, Y. Peng, L. Meng

Pages: 1704-1715 | First Published: 01 July 2019

#### **Gene expression of growth factors with angiogenic potential in human dental pulp tissue from teeth with complete and incomplete root development**

J. F. Gomez-Sosa, J. Caviedes-Bucheli, L. E. Diaz-Barrera, H. R. Munoz

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### ***In vivo* analysis of the presence of heme oxygenase-1, transcription factor Jun-D and CD90+/CD73+/CD105+/CD45- cells in the pulp of bleached teeth**

F. Benetti, A. L. F. Briso, J. M. de Araújo Lopes, M. Carminatti, L. C. Conti, M. O. Gallinari, E. Ervolino, L. T. A. Cintra

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### **Systemic administration of probiotics reduces the severity of apical periodontitis**

L. Cosme-Silva, R. Dal-Fabbro, L. T. A. Cintra, V. R. dos Santos, C. Duque, E. Ervolino, S. Mogami Bomfim, J. E. Gomes-Filho

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### **Development of an *in vitro* model to study tooth cystogenesis**

N. K. Laureano, L. Bernardi, L. Bundrich, L. M. Brand, F. Visioli, M. L. Lamers, P. V. Rados

Pages: 1750-1757 | First Published: 29 July 2019

### **Potential immunomodulatory effects of stem cells from the apical papilla on Treg conversion in tissue regeneration for regenerative endodontic treatment**

X. M. Liu, Y. Liu, S. Yu, L. M. Jiang, B. Song, X. Chen

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Basic Research – Technical

### **Torsional behaviour of Reciproc and Reciproc blue instruments associated with their martensitic transformation temperatures**

G. C. Almeida, L. C. Guimarães, P. D. Resende, V. T. L. Buono, I. F. C. Peixoto, A. C. D. Viana

Pages: 1768-1772 | First Published: 15 July 2019

 Open Access

### **Chemical efficacy of several NaOCl concentrations on biofilms of different architecture: new insights on NaOCl working mechanisms**

X. Petridis, F. H. Busanello, M. V. R. So, R. J. B. Dijkstra, P. K. Sharma, L. W. M. van der Sluis

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Clinical Techniques and Case Reports

### **Autotransplantation after primary bone repair of a recipient site with a large periradicular lesion: a case report**

Y. Arbel, A. Lvovsky, H. Azizi, A. Hadad, E. Averbuch Zehavi, S. Via, J. Ben Itzhak, M. Solomonov

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