The latest issue of International Endodontic Journal is available on Wiley Online Library

**Review**

**HEMA-induced cytotoxicity: oxidative stress, genotoxicity and apoptosis (pages 813–818)**
M. Gallorini, A. Cataldi and V. di Giacomo
Article first published online: 28 JAN 2014 | DOI: 10.1111/iej.12232

**Original Scientific Articles**

**Two methods to simulate intrapulpal pressure: effects upon bonding performance of self-etch adhesives (pages 819–826)**
V. P. Feitosa, V. B. Gotti, C. V. Grohmann, G. Abuná, L. Correr-Sobrinho, M. A. C. Sinhoreti and A. B. Correr
Article first published online: 9 JAN 2014 | DOI: 10.1111/iej.12222

**Effect of the pro-resolution lipid mediator Resolvin E1 (RvE1) on pulp tissues exposed to the oral environment (pages 827–834)**
Article first published online: 13 JAN 2014 | DOI: 10.1111/iej.12224

**Randomized control trial comparing calcium hydroxide and mineral trioxide aggregate for partial pulpotomies in cariously exposed pulps of permanent molars (pages 835–842)**
P. Chailertvanitkul, J. Paphangkorakit, N. Sooksantisakoonchai, N. Pumas, W. Pairojamnyoot, N. Leelapiradee and P. V. Abbott
Article first published online: 28 JAN 2014 | DOI: 10.1111/iej.12225

**The synergistic effects of fibroblast growth factor-2 and mineral trioxide aggregate on an osteogenic accelerator in vitro (pages 843–853)**
Article first published online: 11 JAN 2014 | DOI: 10.1111/iej.12227

**Prevalence of periradicular periodontitis in a Scottish subpopulation found on CBCT images (pages 854–863)**
A. Dutta, F. Smith-Jack and W. P. Saunders
Article first published online: 13 JAN 2014 | DOI: 10.1111/iej.12228

**Pro-inflammatory cytokine release and cell growth inhibition in primary human oral cells after exposure to endodontic sealer (pages 864–872)**
F. Diomede, S. Caputi, I. Merciari, S. Frisoni, C. D'Arcangelo, A. Piattelli and O. Trubiani
Article first published online: 28 JAN 2014 | DOI: 10.1111/iej.12230
Comparison of pulp response to mineral trioxide aggregate and a bioceramic paste in partial pulpotomy of sound human premolars: a randomized controlled trial (pages 873–881)
S. Azimi, M. Fazlyab, D. Sadri, M. A. Saghirí, B. Khosravanifard and S. Asgary
Article first published online: 13 JAN 2014 | DOI: 10.1111/iej.12231

Fatigue life enhancement of NiTi rotary endodontic instruments by progressive reciprocating operation (pages 882–888)
C. S. Shin, Y. H. Huang, C. W. Chi and C. P. Lin
Article first published online: 3 FEB 2014 | DOI: 10.1111/iej.12233

Case Reports

The maintenance of pulp health 17 years after root fracture in a maxillary incisor illustrating the diagnostic benefits of cone bean computed tomography (pages 889–895)
P. Makowiecki, A. Witek, J. Pol and J. Buczkowska-Radlińska
Article first published online: 9 JAN 2014 | DOI: 10.1111/iej.12221

Autotransplantation of mesiodens for missing maxillary lateral incisor with cone-beam CT-fabricated model and orthodontics (pages 896–904)
Article first published online: 10 JAN 2014 | DOI: 10.1111/iej.12223

Letter to the Editor

Comment on: methods of diagnosis and treatment in endodontics by SBU (pages 905–906)
S. V. van der Waal and W. Crielaard
Article first published online: 4 AUG 2014 | DOI: 10.1111/iej.12278