



# Journal of Oral Science

## CONTENTS

### Original

- A comparative study of oral health attitudes and behaviour using the Hiroshima University - Dental Behavioural Inventory (HU-DBI) between dental students in Britain and China**  
Takashi Komabayashi, Stella Yat Lai Kwan, De-Yu Hu, Kyoko Kajiwara, Hisako Sasahara and Makoto Kawamura .....1
- Influence of temporary cement remnant and surface cleaning method on bond strength to dentin of a composite luting system**  
Katsuhito Kanakuri, Yoshikazu Kawamoto and Hideo Matsumura .....9
- Transient expression of polymeric immunoglobulin receptor in human adenocarcinoma cell line HT-29**  
Yoshitaka Ogura .....15
- Influence of polishing duration on surface roughness of resin composites**  
Tamayo Watanabe, Masashi Miyazaki, Toshiki Takamizawa, Hiroyasu Kurokawa, Akitomo Rikuta and Susumu Ando .....21
- Ameloblastin and amelogenin expression in postnatal developing mouse molars**  
María Angélica Torres-Quintana, Marcia Gaete, Marcela Hernandez, Marcela Farías and Nelson Lobos .....27
- Fluoride-releasing capacity and cariostatic effect provided by sealants**  
Maristela Maia Lobo, Giovana Daniela Pecharki, Cristiana Tengan, Débora Dias da Silva, Elaine Pereira da Silva Tagliaferro and Marcelo Henrique Napimoga .....35
- Sphingosine 1-phosphate acts as a signal molecule in ceramide signal transduction of TNF- $\alpha$ -induced activator protein-1 in osteoblastic cell line MC3T3-E1 cells**  
Akira Takeshita, Hiroyuki Shinoda, Yasuo Nakabayashi, Akiko Takano, Ken Matsumoto, Mayumi Suetsugu, Kei Miyazawa, Sonoji Tanaka, Hiromasa Endo, Susumu Tanaka, Yoshifumi Ueyama, Akiko Hanzawa, Yoko Suda, Haruhide Kanegae and Toshikazu Yasui .....43
- A marker of oxidative stress in saliva: association with periodontally-involved teeth of a hopeless prognosis**  
Masatoshi Takane, Naoyuki Sugano, Tsunehiro Ezawa, Toshio Uchiyama and Koichi Ito .....53