

HIGASHI NIPPON DENTAL JOURNAL  
VOL.20, NO.2, DECEMBER, 2001  
CONTENTS

REVIEW

- 1 **Heterogeneity of intrinsic firing pattern displayed in cortical pyramidal neurons and their functional significance**  
Y. KANG ..... (137)

ORIGINAL REPORTS

- 9 **Effects of oral administration of melatonin on bone metabolism**  
A. MANDOKORO, O. NAKADE, Y. HATTORI,  
T. KAKU and S. IGARASHI ..... (145)
- 23 **Nitric oxide-mediated protection of *Actinobacillus actinomycetemcomitans*-infected macrophages against apoptosis**  
J. TOMIOKA ..... (159)
- 35 **A study of ICP-CR difference in children with normal anterior overjet and anterior crossbite**  
A. ISHIKAWA, S. UGA, M. KUWABARA, T. MUGURUMA, S. TAKAGI,  
T. TANGE, T. FUJIKAWA, S. IGARASHI and I. MIZOGUCHI ..... (171)
- 43 **Morphological characteristics of cases with skeletal class III malocclusion and changes following surgical orthodontic treatment**  
T. SHOJI, I. YOSHIDA, Y. FUJIWARA, A. YAMAZAKI,  
T. MUTOH, M. KANAZAWA and I. MIZOGUCHI ..... (179)

EDUCATIONAL REPORTS

- 57 **Consciousness survey of attitudes of dental students towards caries prevention using fluoride application**  
—A comparison between first and sixth grade students in the school of dentistry, Health Sciences University of Hokkaido—  
T. TANGE, M. HIROSE, M. SAITOH, D. NORO,  
D. MATSUMOTO, S. YAHATA, N. SAKAGUCHI,  
H. MIZUGAI, K. HIROSE and S. IGARASHI ..... (193)