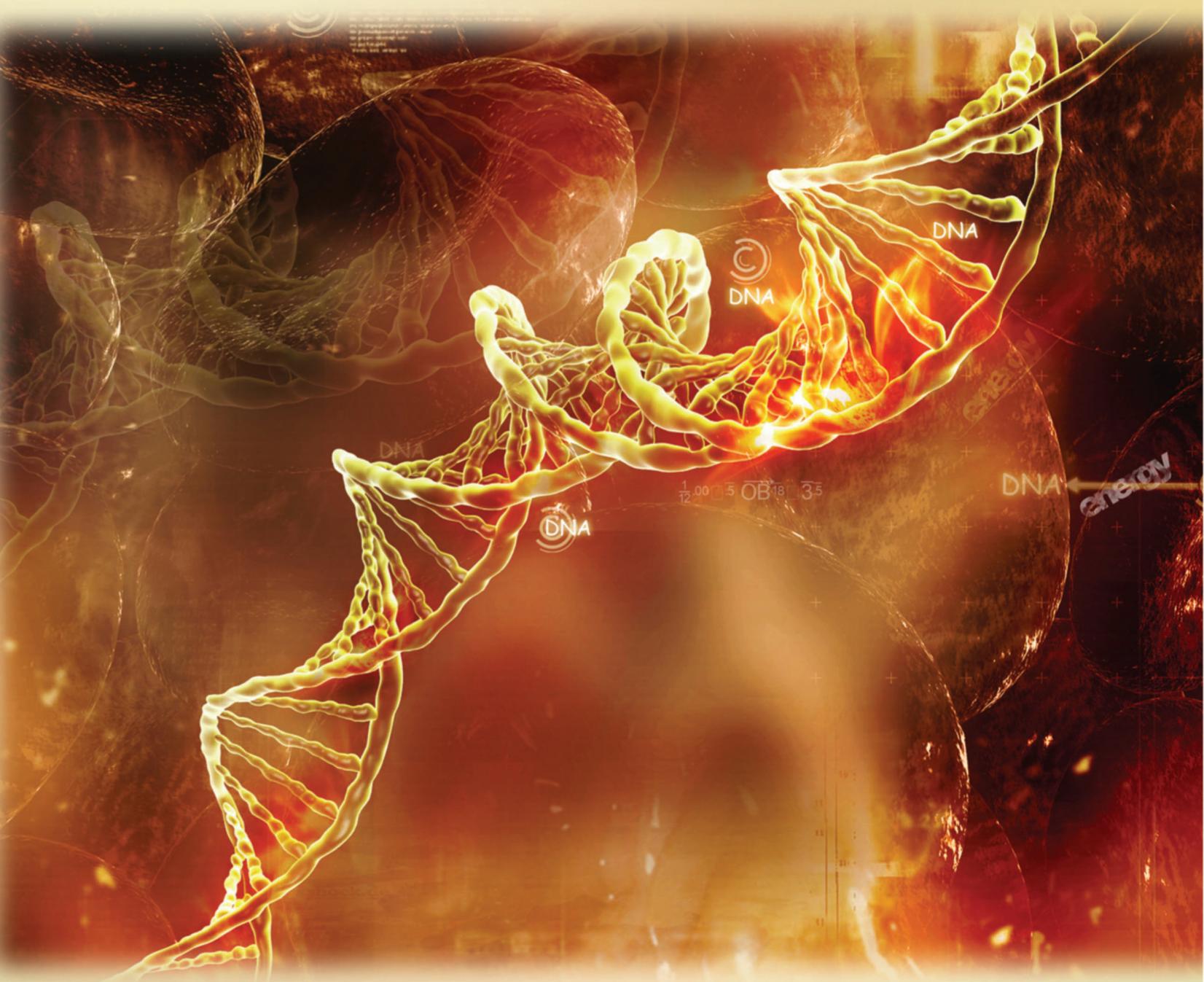


Dental Journal

Majalah Kedokteran Gigi



- The role of ubiquinone supplementation on osteogenesis of non-vascularized autogenous bone graft
- Expression of CD133 in various premalignant and proliferative lesions
- Expression analysis of CD63 in salivary neutrophils and the increased level of *Streptococcus mutans* in severe early childhood caries

Dental Journal

Majalah Kedokteran Gigi

EDITORIAL BOARDS OF DENTAL JOURNAL (MAJALAH KEDOKTERAN GIGI)

SK: 04/UN3.1.2/2015
January 2nd – December 31st, 2015

Patron:

Dean of Faculty of Dental Medicine, Universitas Airlangga

Advisors:

Vice Dean I, Vice Dean II, Vice Dean III

Chief Editor:

Ketut Suardita, drg., Ph.D., Sp.KG

(Department of Conservative Dentistry - Faculty of Dental Medicine, Universitas Airlangga)

Editorial Boards:

Prof. Tri Murni Abidin, drg., M.Kes., Sp.KG(K) (Department of Conservative Dentistry – Faculty of Dentistry, Universitas Sumatera); **Prof. Dr. Melanie S. Djamil, drg., M.Biomed** (Department of Oral Biology – Faculty of Dentistry, Universitas Trisakti); **Prof. Dr. H. Boedi Oetomo Roeslan, drg., M.Biomed** (Department of Biochemistry – Faculty of Dentistry, Universitas Trisakti); **Prof. Dr. Anita Yuliati, drg., M.Kes** (Department of Dental Material – Faculty of Dental Medicine, Universitas Airlangga); **Prof. Dr. Istiati, drg., SU** (Department of Oral Pathology and Maxillofacial – Faculty of Dental Medicine, Universitas Airlangga); **Prof. Dr. Adioro Soetojo, drg., MS., Sp.KG(K)** (Department of Conservative Dentistry – Faculty of Dental Medicine, Universitas Airlangga); **Dr. Chiquita Prahasanti, drg., Sp.Perio(K)** (Department of Periodontics – Faculty of Dental Medicine, Universitas Airlangga); **Dr. Retno Pudji Rahayu, drg., M.Kes** (Department of Oral Pathology and Maxillofacial – Faculty of Dental Medicine, Universitas Airlangga); **Dr. Theresia Indah Budhy, drg., M.Kes.** (Department of Oral Pathology and Maxillofacial – Faculty of Dental Medicine, Universitas Airlangga); **Dr. Indah Listiana Kriswandini, drg., M.Kes.** (Department of Oral Biology – Faculty of Dental Medicine, Universitas Airlangga); **Dr. Retno Indrawati, drg., MSi.** (Department of Oral Biology – Faculty of Dental Medicine, Universitas Airlangga); **Dr. Rini Devijanti Ridwan, drg., M.Kes.** (Department of Oral Biology – Faculty of Dental Medicine, Universitas Airlangga); **Wisnu Setyari, drg., M.Kes** (Department of Oral Biology – Faculty of Dental Medicine, Universitas Airlangga); **Dr. Hendrik Setiabudi, drg., M.Kes** (Department of Oral Biology – Faculty of Dental Medicine, Universitas Airlangga).

Managing Editors:

Dr. Ira Widjiastuti, drg., M.Kes., Sp.KG (Department of Conservative Dentistry – Faculty of Dental Medicine, Universitas Airlangga); **Udijanto Tedjosongko, drg., Ph.D., Sp.KGA** (Department of Pediatric Dentistry – Faculty of Dental Medicine, Universitas Airlangga); **Markus Budi Rahardjo, drg., M.Kes** (Department of Oral Biology – Faculty of Dental Medicine, Universitas Airlangga); **Sianiwati Goenhartho, drg., MS** (Department of Orthodontics – Faculty of Dental Medicine, Universitas Airlangga); **An'nisaa Chusida, drg., M.Kes.** (Department of Odontology Forensic – Faculty of Dental Medicine, Universitas Airlangga); **Anis Irmawati, drg., M.Kes** (Department of Oral Biology – Faculty of Dental Medicine, Universitas Airlangga); **Yuliati, drg., M.Kes** (Department of Oral Biology – Faculty of Dental Medicine, Universitas Airlangga); **Eric Priyo Prasetyo, drg., M.Kes., Sp.KG** (Department of Conservative Dentistry – Faculty of Dental Medicine, Universitas Airlangga).

Administrative Assistant:

Novi Dian Prastiwi (Faculty of Dental Medicine, Universitas Airlangga)

Editorial Address:

Faculty of Dental Medicine Universitas Airlangga
Jln. Mayjen. Prof. Dr. Moestopo No. 47 Surabaya 60132, INDONESIA
Telp. (062-31) 5039478/ 5030255. Fax. (031) 5039478/ 5020256
E-mail: dental_journal@yahoo.com; Website: www.e-journal.unair.ac.id/index.php/MKG

Accredited No. 56/DIKTI/Kep/2012

Cover photo purchased from: www.fotolia.com
Invoice number: 206803056-204225738

Dental Journal

Majalah Kedokteran Gigi

CONTENTS

	<i>Page</i>
1. Expression of bone morphogenetic protein-2 after using chitosan gel with different molecular weight on wound healing process of dental extraction Sularsih and Endah Wahjuningsih	53–58
2. The role of ubiquinone supplementation on osteogenesis of non-vascularized autogenous bone graft Irham Taufiqurrahman, Achmad Harijadi, Roberto M. Simanjuntak, Coen Pramono D, and Istiati	59–63
3. Expression of CD133 in various premalignant and proliferative lesions Rahmi Amtha, Indrayadi Gunardi, Ferry Sandra, and Diah Savitri Ernawati	64–68
4. The effects of <i>Curcuma zedoaria</i> oil on high blood sugar level and gingivitis Juni Handajani and Dhinintya Hyta Narissi	69–73
5. Micronucleus frequency in exfoliated buccal cells from hairdresser who expose to hair products Koh Hui Yee, Alma Linggar Jonarta, and Regina TC. Tandelilin	74–79
6. The level's changing of transforming growth factor β 2 during canine retraction in non-growing age patient Adianti and Ameta Primasari	80–83
7. Fungal inhibitory effect of <i>Citrus Limon peel</i> essential oil on <i>Candida albicans</i> Iwan Hernawan, Desiana Radithia, Priyo Hadi, and Diah Savitri Ernawati	84–88
8. Expression analysis of CD63 in salivary neutrophils and the increased level of <i>Streptococcus mutans</i> in severe early childhood caries Muhammad Luthfi	89–93
9. The decrease of fibroblasts and fibroblast growth factor-2 expressions as a result of X-ray irradiation on the tooth extraction socket in <i>Rattus novergicus</i> Fatma Yasmin Mahdani, Intan Nirwana, and Jenny Sunariani	94–99
10. The effects of golden sea cucumber extract (<i>Stichopus hermanii</i>) on the number of lymphocytes during the healing process of traumatic ulcer on wistar rat's oral mucous Ira Arundina, Yuliati, Pratiwi Soesilawati, Dian W Damaiyanti, and Dania Maharani	100–103
11. The cleanliness differences of root canal irrigated with 0.002% saponin of mangosteen peel extract and 2.5% NaOCl Anis Sakinah, Laksmiari Setyowati, and Devi Eka J	104–107