roots
international magazine of endodontics

Publisher/President/CEO
Torsten R. Oemus
t.oemus@dental-tribune.com

Managing Editor
Magda Wojtkiewicz
m.wojtkiewicz@dental-tribune.com

Designer
Josephine Ritter

Copy Editors
Sabrina Raaff
Hans Motschmann

International Administration
Chief Financial Officer
Dan Wunderlich

Business Development Manager
Claudia Salwiczek-Majonek

Project Manager Online
Tom Carvalho

Event Manager
Lars Hofmann

International PR & Project Manager
Marc Chaupisky

Marketing & Sales Services
Nicole Andrä

Event Services
Esther Wodarski

Executive Producer
Gernot Meyer

Accounting Services
Karen Hamatschek
Anja Maywald
Manuela Hunger

Media Sales Managers
Matthias Diessner (Key Accounts)
Melissa Brown (International)
Antje Kahnt (International)
Peter Wittczek (Asia Pacific)
Weridiana Mageski (Latin America)
Maria Kaiser (North America)
Hélène Carpentier (Europe)
Barbara Solovova (Eastern Europe)

International Offices
Dental Tribune International
Holbeinstr. 29, 04229 Leipzig, Germany
Tel.: +49 341 48474-302
Fax: +49 341 48474-173
info@dental-tribune.com
www.dental-tribune.com

Dental Tribune Asia Pacific Ltd.
Room A, 20/F, Harvard Commercial Building, 105–111 Thomson Road, Wanchai, Hong Kong
Tel.: +852 3113 6177
Fax: +852 3113 6199

Tribune America, LLC
116 West 23rd Street, Ste. 500, New York, NY 10011, USA
Tel.: +1 212 244 7181
Fax: +1 212 244 7185

Editorial Board
Fernando Goldberg, Argentina
Markus Haapasalo, Canada
Ken Serota, Canada
Clemens Banghozl, Germany
Michael Baumann, Germany
Benjamin Briseno, Germany
Asgir Sigurdsson, Iceland
Adam Stahlholz, Israel
Heike Steffen, Germany
Gary Cheung, Hong Kong
Ulli Endal, Norway
Roman Borczyk, Poland
Bartosz Cerkaski, Poland
Esteban Brau, Spain
José Pumarola, Spain
Kishor Gulabivala, United Kingdom
William P. Saunders, United Kingdom
Fred Barnett, USA
L. Stephan Buchanan, USA
Jo Dovgan, USA
Vladimir Gorokhovsky, USA
James Gutmann, USA
Ben Johnson, USA
Kenneth Koch, USA
Sergio Kuttler, USA
John Nusstein, USA
Ove Peters, USA
Jorge Vera, Mexico

Printed by
Löhnert Druck
Handelsstraße 12
04420 Markranstädt, Germany

Copyright Regulations
roots international magazine of endodontics is published by Dental Tribune International (DTI) and appears in 2016 with four issues. The magazine and all articles and illustrations therein are protected by copyright. Any utilisation without the prior consent of editor and publisher is inadmissible and liable to prosecution. This applies in particular to duplicate copies, translations, microfilms, and storage and processing in electronic systems.
Reproductions, including extracts, may only be made with the permission of the publisher. Given no statement to the contrary, any submissions to the editorial department are understood to be in agreement with a full or partial publishing of said submission. The editorial department reserves the right to check all submitted articles for formal errors and factual authority, and to make amendments if necessary. No responsibility shall be taken for unsolicited books and manuscripts. Articles bearing symbols other than that of the editorial department, or which are distinguished by the name of the author, represent the opinion of the afore-mentioned, and do not have to comply with the views of DTI. Responsibility for such articles shall be borne by the author.
Responsibility for advertisements and other specially labeled items shall not be borne by the editorial department. Likewise, no responsibility shall be assumed for information published about associations, companies and commercial markets. All cases of consequential liability arising from inaccurate or faulty representation are excluded. General terms and conditions apply. Legal venue is Leipzig, Germany.