

# The Journal of ADHESIVE DENTISTRY

ISSN (Print): 1461-5185  
ISSN (Online): 1757-9988

## Editors-in-Chief

### Prof. Dr. Roland Frankenberger

University of Marburg Dental School,  
Department of Operative Dentistry and  
Endodontics, Georg Voigt Str. 3,  
D-35039 Marburg, Germany  
Phone: +49 6421 5862340  
Fax: +49 6421 5863745  
E-mail: frankbg@med.uni-marburg.de

## Associate Editors

Armstrong, S. (USA)  
Breschi, L. (Italy)  
Özcan, M. (Switzerland)  
Perdigao, J. (USA)  
Tagami, J. (Japan)

## Editorial Board

Antonson, S. (USA)  
Armstrong, G. V. (USA)  
Attal, J.-P. (France)  
Attin, T. (Switzerland)  
Bayne, S. (USA)  
Berg, J. (USA)  
Blatz, M. (USA)  
Blunck, U. (Germany)  
Bolhuis, P. (Netherlands)  
Bouillaguet S. (Switzerland)  
Burrow, M. (Australia)  
Burtscher, P. (Liechtenstein)  
Carvalho, R. (Canada)  
Cattell, M. (United Kingdom)  
Chen, J. H. (China)  
Davidson, C.L. (Netherlands)  
De Moor, R. J. G. (Belgium)  
Della Bona, A. (Brazil)  
Edelhoff, D. (Germany)  
Eliades, G. (Greece)  
Ferracane, J. (USA)  
Ferrari, M. (Italy)  
Finger, W. (Germany)  
Fuzzi, M. (Italy)  
Geraldini S. (USA)  
Goracci, C. (Italy)  
Haller, B. (Germany)  
Heintze, S. (Liechtenstein)  
Hickel, R. (Germany)  
Imazato, S. (Japan)  
Janda, R. (Germany)

## Submit the manuscripts and illustrations preferably through:

[www.manuscriptmanager.com/jadd](http://www.manuscriptmanager.com/jadd)

Or to:

Quintessenz Verlags-GmbH,  
Karin Wintonowycz  
The Journal of Adhesive Dentistry,  
Ifenpfad 2-4, D-12107 Berlin, Germany

*The Journal of Adhesive Dentistry* publishes scientifically sound articles of interest to practitioners and researchers in the field of adhesion to hard and soft dental tissues. Included are clinical and basic science research reports based on original research in adhesive dentistry and related subjects, review articles on topics related to adhesive dentistry, as well as invited focus articles with commentaries.

**The Journal of Adhesive Dentistry is Indexed in Science Citation Index Expanded, ISI Alerting Services, and Current Contents/Clinical Medicine.**

**Impact Factor 2016: 2.008**

### Prof. Dr. Bart Van Meerbeek

KU Leuven (University of Leuven)  
BIOMAT, Department of Oral Health Sciences  
Kapucijnenvoer 7  
B-3000 Leuven, Belgium  
Phone: +32 16 337587  
Fax: +32 16 332752  
E-mail: bart.vanmeerbeek@kuleuven.be

Kelly, J. R. (USA)  
Kern, M. (Germany)  
Krejci, I. (Switzerland)  
Lambrechts, P. (Belgium)  
Loguercio, A. D. (Brazil)  
Loomans, B. (Netherlands)  
Macorra de la, J.C. (Spain)  
Mehl, A. (Germany)  
Navarro, F. (Brazil)  
Nikaido, T. (Japan)  
Noack, M.J. (Germany)  
Opdam, N. (Netherlands)  
Pashley, D. H. (USA)  
Peschke, A. (Liechtenstein)  
Peutzfeld, A. (Switzerland)  
Powers, J. M. (USA)  
Ruse, D. (Canada)  
Salz, U. (Liechtenstein)  
Sano, H. (Japan)  
Schmidlin, P. (Switzerland)  
Senda A. (Japan)  
Sidhu, S. (United Kingdom)  
Simonsen, R.J. (UAE)  
Spreafico, R. (Italy)  
Suzuki, S. (USA)  
Tay, F. (USA)  
Thompson, V. P. (USA)  
Tyas, M. J. (Australia)  
Vallittu, Pekka (Finland)  
Van Dijken, J. W. V. (Sweden)  
Van Noort, R. (United Kingdom)  
Watson, T. (United Kingdom)  
Wilson, N. H. F. (United Kingdom)

## Statistical Consultant

Fischer T. H. (Germany)  
Gorey S. (USA)

## Subscription/Manuscript Information

Quintessence Publishing Co., Ltd., Grafton Road,  
New Malden, Surrey KT3 3AB, Great Britain  
Phone: +44(0)20 8949 6087 Fax: +44(0)20 8336 1484  
E-mail: [info@quintpub.co.uk](mailto:info@quintpub.co.uk)  
Germany, Austria, Switzerland by  
Quintessenz Verlags-GmbH, Ifenpfad 2-4,  
D-12107 Berlin, Germany  
Phone: +49-30-761 80-5, Fax: +49-30-761 80-680,  
E-mail: [info@quintessenz.de](mailto:info@quintessenz.de),  
Web site: <http://www.quintessenz.de>  
No. and So. America, Australia, New Zealand, Asia by  
Quintessence Publishing Co., Inc., 4350 Chandler Drive,  
Hanover Park, Illinois 60133, USA  
Phone: (630) 736-3600, Fax: (630) 736-3633  
E-mail: [service@quintbook.com](mailto:service@quintbook.com)  
Web site: <http://www.quintpub.com>

## Publisher Dr. h. c. H. W. Haase

### Publishing Director Johannes Wolters

E-mail: [jwolters@quintpub.co.uk](mailto:jwolters@quintpub.co.uk)

### Manuscript Editor Kathleen Splieth

### Production Managers Petra Jentschke, Janina Kuhn

## Subscription Managers

Angela Köthe Germany, Austria, Switzerland

Andrew Johnson All other countries

## Advertising Sales Manager Markus Queitsch

The Journal of Adhesive Dentistry is published bi-monthly by Quintessence Publishing Co., Ltd., Grafton Road, New Malden, Surrey KT3 3AB, Great Britain. Court domicile and place of performance: London, Great Britain.

## Subscription rates 2018 (6 issues per year)

**Europe:** Individual €242/£222; Institutional €450/£410;

Student €124/£112; Single copy €42/£38.

**Airmail:** Individual £252; Institutional £440; Student £142.

Single copy £43. **North America and rest of the world:**

Individual \$292; Institutional \$584; Student \$140. Single

copy \$52.

(Student verification must accompany order.)

Subscriptions may begin at any time; cancellations must be received one month prior to expiration date. Please allow 6 weeks for any change of address notification to be processed. Claims for missing journals will be serviced only within 6 months of publication date. Otherwise, single copy price will be charged on missing issues.

**Postmaster:** Send address changes to Quintessence Publishing Co., Ltd., Grafton Road, New Malden, Surrey KT3 3AB, Great Britain; or Quintessenz Verlags-GmbH, Ifenpfad 2-4, D-12107 Berlin, Germany.

**Copyright © 2018** by Quintessence Publishing Co., Ltd. All rights reserved. No parts of this journal may be reproduced in any material form (including photocopying or storing it in any medium by electronic means and whether transiently or incidentally to some other use of this journal) without the written permission of the publisher except in accordance with the provisions of the Copyright, Designs and Patents Act 1988 or under the terms of a licence issued by The Copyright Licensing Agency Ltd, 90 Tottenham Court Road, London, W1P 0LP. Application for the copyright owner's written permission to reproduce any part of this journal should be addressed to the publisher. The publisher assumes no responsibility for unsolicited manuscripts. All opinions are those of the authors.

**Permission** to photocopy items solely for internal or personal use and for the internal and personal use of specific clients is granted by Quintessence Publishing Co., Ltd.

**Advertising Policy** All advertising appearing in the Journal of Adhesive Dentistry must be approved by the Editors/Editorial Board. The publication of an advertisement is not to be construed as an endorsement of approval by JAD or its publisher.

Printed in Germany

Web edition:  
[jad.quintessenz.de](http://jad.quintessenz.de)