

EUROPEAN Journal of RHINOLOGY and ALLERGY

VOLUME 5

ISSUE 1

April 2022



EUROPEAN Journal of RHINOLOGY and ALLERGY

Editor in Chief

Metin Önerci

Department of Otorhinolaryngology,
Hacettepe University School of Medicine, Ankara, Turkey
monerci@gmail.com

Biostatistical Consultant

İlker Ercan

Department of Biostatistics, Uludağ University
School of Medicine, Bursa, Turkey
iercan@msn.com

Advisory Board

Abel Jan Tasman

Department of Otorhinolaryngology, Division of Rhinology and Facial
Plastic Surgery, Cantonal Hospital St Gallen, St Gallen, Switzerland
abel-jan.tasman@kssg.ch

Aldo Stamm

Department of Otorhinolaryngology and Fonoaudiol, Complexo
Hosp Edmundo Vasconcelos, Sao Paulo, Brazil
astamm@terra.com.br

Andrey Lopatin

Department of Otorhinolaryngology, Business Administration
President Russian Federation, State Policlinic 1, Moscow, Russia
lopatin.andrey@inbox.ru

Claus Bachert

Upper Airways Research Laboratory and ENT Department, Ghent
University Hospital, Ghent, Belgium
Claus.Bachert@ugent.be

Dan Fliss

Department of Otorhinolaryngology Head and Neck Surgery
and Maxillofacial, Tel Aviv University, Sackler School Medicine, Tel
Aviv Sourasky Medical Center, Tel Aviv, Israel
fliss@tasmc.health.gov.il

Daniel Simmen

Department of Otorhinolaryngology Head and Neck Surgery,
Hirslanden Clinic, Zurich, Switzerland
simmen@orl-zentrum.com

De Yun Wang

Department of Otorhinolaryngology, National University Singapore,
National University Health Systems, Singapore, Singapore
de_yun_wang@nuhs.edu.sg

Desiderio Passali

Clinic of ENT, Siena University, Siena, Italy
d.passali@virgilio.it

Eugene Kern

Department of Otorhinolaryngology, Mayo Clinic, Rochester, MN, USA
ekern@mayo.edu

Hesham Saleh

Department of Rhinology and Facial Plastic Surgery, Harley ENT
Practice, London, England
hesham@harleyent.com

Ignazio Tasca

Department of Otorhinolaryngology, Imola Hospital, Imola, Italy
i.tasca@ausl.imola.bo.it

Jin Seat Kiow

Singapur Clinical Associate Professor of Otorhinolaryngology,
National University of Singapore Senior Consultant, Department
of Otorhinolaryngology (Ear, Nose and Throat), Tan Tock Seng
Hospital, Singapore
jin_keat_siow@tsh.com.sg

M. Bernal Sprekelsen

Department of Otorhinolaryngology, Barcelona Hospital,
Barcelona, Spain
mbernal@clinic.ub.es

Marco Barbieri

Department of Otorhinolaryngology, San Martino Hospital
University, Genoa, Italy
barbieri.orl@libero.it

Pavel Dimov

Department of Otorhinolaryngology, Thracian Univ Stara
Zagora, Stara Zagora, Bulgaria
pdimov@uni-sz.bg

Peter Hellings

Department of Otorhinolaryngology Head and Neck Surgery,
Leuven University Hospital, Leuven, Belgium
Peter.hellings@kuleuven.be

Pontus Stiern

Department of Otorhinolaryngology, Huddinge University
Hospital, Huddinge, Sweden
pontus.stierna@telia.com

Reda Kamel

Department of Otorhinolaryngology, Cairo University School of
Medicine, Cairo, Egypt
rhinology@redakamel.com

Robert Kern

Department of Otorhinolaryngology, Northwestern University
Feinberg School of Medicine, Chicago, IL, USA
r-kern@northwestern.edu

Sergei Karpischenko

First Pavlov Saint Petersburg State Medical University, Saint
Petersburg, Russia
karpischenkos@mail.ru

Stilianos Kountakis

Department of Otorhinolaryngology Head and Neck Surgery,
Georgia Regents University, Augusta, GA, USA
skountakis@georgiahealth.edu

Werner Hoseman

Department of Otorhinolaryngology Head & Neck Surg, Ernst
Moritz Arndt Univ Greifswald, Greifswald, Germany
hosemann@uni-greifswald.de

Wolfgang Pirsig

Department of Otorhinolaryngology Head and Neck Surgery,
Ulm University, Ulm, Germany
wolfgang.pirsig@extern.uni-ulm.de

Wyske Fokkens

Department of Otorhinolaryngology, Academy Medical Centre,
Amsterdam, Netherlands
w.j.fokkens@amc.uva.nl



Founder
İbrahim KARA

General Manager
Ali ŞAHİN

Editor
Gizem KAYAN TEKAÜT

Publications Director
İrem SOYSAL

Publication Coordinators

Arzu YILDIRIM
Deniz KAYA
Bahar ALBAYRAK
Emre KARA
Gamze BİLGİN
Irmak BERBEROĞLU
Alara ERGİN
Ebru BOZ

Finance and Administration

Elif YILDIZ ÇELİK

Web Coordinator
Sinem Fehime KOZ

Contact

Address: Büyükdere Cad.
No: 105/9 34394
Mecidiyeköy, Şişli-İstanbul
Phone: +90 212 217 17 00
Fax: +90 212 217 22 92
E-mail: info@avesyayincilik.com

EUROPEAN Journal of RHINOLOGY and ALLERGY

AIMS AND SCOPE

European Journal of Rhinology and Allergy (Eur J Rhinol Allergy) is an international, scientific, open access periodical published in accordance with independent, unbiased, and double-blinded peer-review principles. The journal is the official online-only publication of Turkish Rhinologic Society and published triannually in April, August, and December. The publication language of the journal is English.

European Journal of Rhinology and Allergy aims to contribute to the international literature by publishing original clinical and experimental research articles, case reports, review articles, technical notes, and letters to the editor in the field of rhinology and allergy.

The journal's target audience are, researchers, physicians and healthcare professionals who are interested or working in the field of rhinology and allergy.

European Journal of Rhinology and Allergy is currently indexed in DOAJ, Gale and TUBITAK ULAKBIM TR Index.

The editorial and publication processes of the journal are shaped in accordance with the guidelines of the International Committee of Medical Journal Editors (ICMJE), World Association of Medical Editors (WAME), Council of Science Editors (CSE), Committee on Publication Ethics (COPE), European Association of Science Editors (EASE), and National Information Standards Organization (NISO). The journal is in conformity with the Principles of Transparency and Best Practice in Scholarly Publishing (doaj.org/bestpractice).

Processing and publication are free of charge with the journal. No fees are requested from the authors at any point throughout the evaluation and publication process. All manuscripts must be submitted via the online submission system, which is available at www.eurjrhinol.org. The journal guidelines, technical information, and the required forms are available on the journal's web page.

All expenses of the journal are covered by the Turkish Rhinologic Society. Potential advertisers should contact the Editorial Office. Advertisement images are published only upon the Editor-in-Chief's approval.

Statements or opinions expressed in the manuscripts published in the journal reflect the views of the author(s) and not the opinions of the Turkish Rhinologic Society, editors, editorial board, and/or publisher; the editors, editorial board, and publisher disclaim any responsibility or liability for such materials.

All published content is available online, free of charge at www.eurjrhinol.org.

European Journal of Rhinology and Allergy is an open access publication, and the journal's publication model is based on Budapest Open Access Initiative (BOAI) declaration. Authors retain the copyright of their published work in the European Journal of Rhinology and Allergy. The journal's content is licensed under a Creative Commons Attribution-NonCommercial 4.0 (CC BY-NC 4.0) International License.

You can find the current version of the Instructions to Authors at: <https://www.eurjrhinol.org/en/instructions-to-authors-104>



Editor in Chief : Metin ÖNERCİ
Address : Turkish Rhinologic Society, Özveren Cad.
No.: 5/6 Demirtepe, Çankaya, Ankara, Turkey
E-mail : info@eurjrhinol.org

Publisher : AVES
Address : Büyükdere Cad., 105/9 34394
Mecidiyeköy, Şişli, İstanbul, Turkey
Phone : +90 212 217 17 00
Fax : +90 212 217 22 92
E-mail : info@avesyayincilik.com

CONTENTS

Editorial

1 The second saddle of a therapeutic tandem in rhinosinusitis treatment

Desiderio Passali, Luisa Maria Bellussi, Francesco Maria Passali

Original Articles

3 Sinonasal Abnormalities on Cranial Magnetic Resonance Imaging in Patients with Tension-Type Headache

Fatma Atalay, Ayhan Kars, Kübra Topal, Birsal Kul, Zeynep Yavuz

7 Smell Recovery after COVID-19: 6-Month Follow-Up with Objective Evaluation

Nihal Seden, Enes Yiğit, Ayşe Pelin Yiğider, İsmail Kaygısız, Özgür Yiğit

12 Comparative Results of Eustachian Balloon Dilatation and Nasal Steroid Therapy in the Eustachian Tube Dysfunction

Ergin Eroğlu, Munir Demir Bajin

20 Methicillin Resistance and *Staphylococcus aureus* in Nasal Cultures Before and During the Covid-19 Pandemic: A Comparison of the Results

Mustafa Altıntaş, Murat Kar, Gül Aydın Tığlı, Yeşim Çekin

Case Report

24 Woakes Syndrome: A Forgotten Entity and More than a Nasal Polyp

Yusuf Çağdas Kumbul, Mustafa Tüz, Vural Akin, Ramazan Oğuz Yüceer, Hasan Yasan, Bekir Büyükçelik

Quiz Case

28 Olfactory Neuroblastoma

Serdar Özer, Ergin Eroglu