eurjrhinol.org EISSN 2636-8072

EUROPEAN Journal of **RHINOLOGY** and

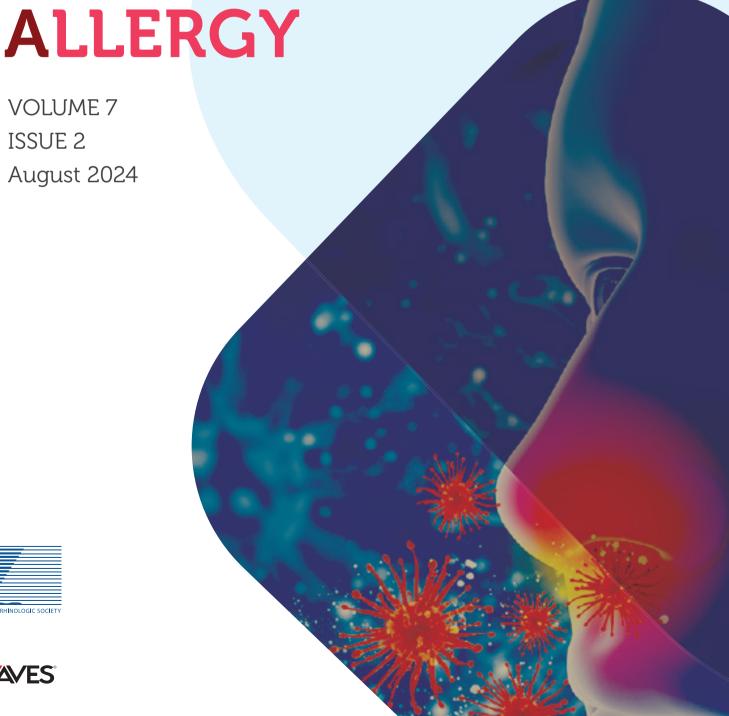
VOLUME 7

ISSUE 2

August 2024







EUROPEAN Journal of RHINOLOGY and ALLERGY

Editor in Chief

Metin Önerci®

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

Biostatistical Consultant

İlker Ercan

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

Advisory Board

Claus Bachert

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

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

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

Wytske Fokkens

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

Peter Hellings

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

Werner Hoseman

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

Reda Kamel

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

Sergei Karpischenko

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

Eugene Kern

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

Robert Kern

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

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_slow@ttsh.com.sq

Stilianos Kountakis

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

Andrey Lopatin

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

Desiderio Passali

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

Wolfgang Pirsig

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

Hesham Saleh

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

Daniel Simmen

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

M. Bernal Sprekelsen

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

Aldo Stamm

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

Pontus Stierna

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

Ignazio Tasca

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

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

De Yun Wang

Department of Otorhinolaryngology, National University Singapore, National University Health Systems, Singapore, Singapore

de_yun_wang@nuhs.edu.sg



General Manager

Ali Şahin

Journal Managers

Deniz Kaya Irmak Berberoğlu

Publications Coordinators

Derya Azer Nisanur Atıcı Şeref Mert Gücün Yiğit Pekzeren Lütfiye Çetin

Publications Technologies Coordinator

Ayça Nur Sezen

Project Assistants

Batuhan Kara Ozan Şahin Address: Buyukdere Cad. No: 199/6 34394 Mecidiyekoy, Şişli, İstanbul-Türkiye

Phone: +90 212 217 17 00

E-mail: info@avesyayincilik.com

EUROPEAN Journal of RHINOLOGY and ALLERGY

ABOUT

European Journal of Rhinology and Allergy is a peer reviewed, open access, online-only journal published by the Turkish Rhinologic Society.

European Journal of Rhinology and Allergy is a triannual journal that is published in English in April, August, and December.

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

All content published in the journal is permanently archived in Portico.

Aims, Scope, and Audience

The European Journal of Rhinology and Allergy aims to publish studies of the highest scientific and clinical value. It also encourages the submission of high-quality research in the field of rhinology and allergy.

European Journal of Rhinology and Allergy covers a wide range of topics related to rhinology and allergy.

European Journal of Rhinology and Allergy publishes clinical and basic research articles, case reports, review articles, technical notes, letters to the editor, Images of Interest and quize case in the field of rhinology and allergy.

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

European Journal of Rhinology and Allergy is funded by the Turkish Rhinologic Society. Authors are not required to pay any fees during the evaluation and publication process.

European Journal of Rhinology and Allergy is an open access publication.

Starting on 2020, all content published in the journal is licensed under the Creative Commons Attribution-NonCommercial (CC BY-NC) 4.0 International License which allows third parties to use the content for non-commercial purposes as long as they give credit to the original work. This license allows for the content to be shared and adapted for non-commercial purposes, promoting the dissemination and use of the research published in the journal.

The content published before 2020 was licensed under a traditional copyright, but the archive is still available for free access.

All published content is available online, free of charge at https://www.eurjrhinol.org/EN.

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, Türkiye

E-mail: info@eurjrhinol.org

Publisher : AVES

Address : Büyükdere Cad., 199/6 34394

Mecidiyeköy, Şişli, İstanbul, Türkiye

Phone : +90 212 217 17 00

Fax : +90 212 217 22 92

E-mail : info@avesyayincilik.com

EUROPEAN Journal of RHINOLOGY and ALLERGY

CONTENTS

Original Articles

The Efficacy of Obstructive Sleep Apnea Surgery on Mean Platelet Volume, Neutrophil/Lymphocyte, and Platelet/Lymphocyte Ratios

Esma Altan, Volkan Yucel, Guleser Saylam, Omer Bayir

50 Outcomes of Endoscopic Sinus Surgery in Treating Paranasal Sinus Mucoceles with Orbital Complications

Tuan Thanh Nguyen

Two Novel Inflammation Indexes; Can Systemic İmmune-inflammation Index and Pan-immune-inflammation Value Be Associated with Chronic Rhinosinusitis?

Sevinc Hepkarsi, Cüneyt Yilmazer

61 The Effects of Concha Bullosa on Lateral Nasal Wall Asymmetries

Mehmet Ekrem Zorlu, Turker Acar, Yakup Sen, Abdulhalim Aysel, Ecem Sevim Akı

67 Pediatric Rhinosinusitis: Its Predisposing Factors and Management Sethu Thakachy Subha

Case Reports

72 Sinonasal Polyposis and Choanal Atresia in a Single Patient Exterminate the Theory of Aerodynamics: A Case Report

Mahmoud Hassan Eid, Samar Ali Khedr Ali, Ashraf Saad Abu Halawa

76 Malignant Transformation of Juvenile Nasopharyngeal Angiofibroma in a Non-irradiated Case: A Rarity Denuded

Janakiram Trichy Narayanan, Soumya Sampath, Mansi A. R. Venktaramanan, Arunkumar G Pradipta Kumar Rath