

## Acta medica Lituanica, ISSN 1392–0138

Official Journal of the Lithuanian Academy of Sciences and Vilnius University

Published since 1994 one volume (4 issues) per year

The Journal provides a forum for the publication of papers relating to various aspects of medicine.

Types of contribution: Review articles – Original papers – Preliminary notes – Case reports – Short communications – Book reviews

Fully peer-reviewed

---

Indexed in **Index Copernicus**, **Index Academicus**, **EBSCO**

---

### Editorial Board

#### Editor-in-Chief

Prof. **Z. Kučinskienė** Vilnius University Faculty of Medicine, Lithuania  
Tel.: +370–5 239 8700  
Fax: +370–5 239 8705

#### Vice-Editors

Prof. **P. Kaltenis** Vilnius University Clinic of Children's Diseases, Lithuania  
Tel.: +370–5 272 0368  
Prof. **M. R. Graczyński** Medical Science International, Warsaw, Poland

#### Managing Editor

Dr. **A. Lukšienė** Vilnius University Faculty of Medicine, Lithuania  
Tel.: +370–5 239 8740, 8–685 40545  
Fax: +370–5 239 8705  
E-mail: aloyza.luksiene@loc.lt

#### Members

Prof. **V. Basys** Lithuanian Academy of Sciences, Lithuania  
Prof. **G. Česnys** Vilnius University, Lithuania  
Prof. **S. Gravenstein** Glennan Center for Geriatrics and Gerontology, USA  
Prof. **V. Jašinskas** Kaunas University of Medicine, Lithuania

Prof. **A. Juozulynas** VU Institute of Experimental and Clinical Medicine, Lithuania  
Prof. **V. Kučinskas** Vilnius University, Lithuania  
Prof. **Z. Mackiewicz** Opole University, Poland  
Prof. **K. Valuckas** Lithuanian Oncology Center, Vilnius

### Editorial Council

Prof. **A. Ambrozaitis** Clinic of Infectious Diseases and Microbiology of Vilnius University, Lithuania  
Prof. **I. Balčiūnienė** Vilnius University, Lithuania  
Prof. **J. Bomba** Jagiellonian University Collegium Medicum, Cracow, Poland  
Prof. **C. Cabrol** Group Hospitalier Pitié-Salpêtrière, Paris, France  
Prof. **R. Dubakienė** Vilnius University, Lithuania  
Prof. **M. Eglite** Medical Academy of Latvia, Riga, Latvia  
Prof. **P.-O. Glantz** Lund University, Malmö, Sweden  
Dr. Habil. **R. Janilionis** Vilnius Centre University Hospital, Lithuania  
Dr. Habil. **G. Kazanavičius** Kaunas University of Medicine, Lithuania  
Prof. **J. Kowalski** Lodz University, Poland  
Prof. **A. G. Olsson** Institute för Internmedicin, Linköping, Sweden  
Prof. **A. P. Read** Department of Medical Genetics, St. Mary's Hospital, Manchester, U. K.

Prof. **D. Reinhardt** Ludwig-Maximilians Universität, Munich, Germany  
Prof. **F. Robiczek** Charlotte Medical Center, N. Carolina, U.S.A.  
Prof. **A. Schinzel** Institut für Medizinische Genetik, Zürich Universität, Switzerland  
Prof. **P. Skinkoj** University of Copenhagen, Denmark  
Dr. **J. Spatenka** Transplant Center, University Hospital, Prague, Czech Republic  
Prof. **V. Tamošiūnas** Institute of Immunology of Vilnius University, Lithuania  
Assist. Prof. **J. Tutkuvienė** Vilnius University, Lithuania  
Prof. **A. Venalis** VU Institute of Experimental and Clinical Medicine, Lithuania  
Prof. **D. Vidyasagar** Pediatrics University of Illinois, Chicago, U.S.A.  
Prof. **Z. F. Zagorski** Lublin University School of Medicine, Poland  
Prof. **R. Žaliūnas** Kaunas University of Medicine, Lithuania  
Prof. **V. Žvironaitė** Vilnius University, Lithuania

---

Published by the Lithuanian Academy of Sciences Publishers,  
Gedimino pr. 3, LT-01103, Vilnius, Lithuania  
Editor Aurelija Juškaitė. Tel.: +370–5 261 3620  
E-mail: maketas.leidykla@lma.lt  
Internet: www.maleidykla.katalogas.lt

© Lietuvos mokslų akademija, 2007  
© Lietuvos mokslų akademijos leidykla, 2007  
© Vilniaus universitetas, 2007