

Professor Ana Marusic, MD, PhD
Curriculum Vitae

PERSONAL INFORMATION

Name and surname **Ana Marusic**
Academic title Full Professor
Address University of Split School of Medicine
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Personal web page <http://tkojetko.irb.hr/en/znanstvenikDetalji.php?sifznan=3926>
Citizenship Croatian
Date and place of birth 16 June 1962, Mostar, Bosnia and Herzegovina
Marital status Married, two children

WORK EXPERIENCE

(CHRONOLOGICALLY)

Date (from – until) 2008 – present
Institution University of Split School of Medicine
Position Full professor – tenured
Chair, Department of Research in Biomedicine and Health
Editor in Chief, *Croatian Medical Journal*
Work field Anatomy and research methodology

Date (from – until) 2002 – 2008
Institution University of Zagreb School of Medicine
Position Full professor
Work field Anatomy

Date (from – until) 1997 – 2002
Institution University of Zagreb School of Medicine
Position Associate professor
Work field Anatomy

Date (from – until) 1992 – 1997
Institution University of Zagreb School of Medicine
Position Assistant professor
Work field Anatomy

Date (from – until) 1989 – 1990
Institution University of Connecticut Health Center Medical School, CT, USA
Position Postdoctoral research in biomedicine
Work field Anatomy

Date (from – until) 1986 – 1992

Institution University of Zagreb School of Medicine
Position Instructor in anatomy
Work field Anatomy

EDUCATION

(CHRONOLOGICALLY)

Date 1989
Place Zagreb
Institution Zagreb University School of Medicine
Title of qualification awarded Ph. D. (D. Sc.)

Date 1987
Place Zagreb
Institution Zagreb University School of Natural Sciences
Title of qualification awarded M. Sc.

Date 1985
Place Zagreb
Institution Zagreb University School of Medicine
Title of qualification awarded Doctor of Medicine

TRAINING

(CHRONOLOGICALLY)

Year 1989 – 1990
Place Farmington, CT, USA
Institution University of Connecticut Health Center Medical School
Subject and skills covered Postdoctoral research in biomedicine – molecular and cellular biology of the bone

Year Summers of 1983-1985
Place Tübingen, Germany
Institution Department of Immune Genetics, Max-Planck Institute for Biology,
Subject and skills covered Immunogenetics, mouse anatomy and embryology

LANGUAGES

MOTHER TONGUE Croatian

OTHER LANGUAGES

Language **English**
Speaking excellent
Writing excellent
Reading excellent

Language **German**
Speaking good

Writing good
Reading good

RESEARCH GRANTS

Principal Investigator:

Croatian Ministry of Science, Education and Sports, information technology grant “Regpok.hr – register of Croatian clinical trials”, 2009-2010
COPE (Committee on Publication Ethics) research grant on autorship, 2009-2010
Croatian Ministry of Science, Education and Sports: research grant “Molecular interactions between bone and bone marrow” (No. 180-1080290-114), since 2007
The Wellcome Trust Collaborative Research Initiative Grant: “Interactions between bone and the immune system: a role for Fas-mediated apoptosis”; 2004-2007
Croatian Ministry of Science and Technology research grant “Molecular interactions between bone and bone marrow” (No. 180181), 2002-2006
Ministry of Science and Technology: technology project „Development of a diagnostic procedure: quantitative PCR for cytokines in small samples, 2004-2006
Ministry of Science and Technology: informatics project „XML language in publishing”, 2001-2002
US-Croatian Research Grant JF199 “Immune System and New Bone Formation”, 1995-1998
Bilateral cooperation between Croatia and Germany: “Glycosphingolipid phenotype of mice with immunological gene knockouts”, 1999-2001
Ministry of Science and Technology: The role of the immune system in new bone formation”, 1997-2002
Ministry of Science and Technology: „Molecular dependence of bone and bone marrow”, 1994-1996
Forschungszentrum Jülich: “Identification of molecular markers on human bone cells: their use in defining interactions between bone cells and bone marrow”, 1993-1995

Collaborator:

FP7-HEALTH-2010 Cooperation: “OPEN: Overcome failure to publish negative findings”, 2011-2012; principal investigator Prof. Gerd Antes, German Cochrane Center, Freiburg, Germany
Ministry of Science, Education and Sports: research grant „Influence of a scientific Journal on the Croatian medical community” (216-1080314-0245); principal investigator Prof. Matko Marusic, since 2007

TEACHING

(CHRONOLOGICALLY; UNDERGRADUATE, GRADUATE, POSTGRADUATE STUDY PROGRAMMES)

Creator of integrated mandatory course Research in Biomedicine and Health, since 2010
Teaching undergraduate courses in Gross Anatomy, since 1986
Teaching mandatory undergraduate course, Principles of research in medicine, since 1995
Organizer, continuing medical education course “Planning and Writing Research”, since 2002
Teaching evidence based medicine at postgraduate studies, since 2005
Elective course „Bone: Molecular Biology at the Bedside”, 1992-2000
Guest Professor at the Rijeka University, Rijeka, Croatia (since 1995) and Mostar University, Mostar, Bosnia and Herzegovina (since 1997)

MENTORSHIP OF DOCTORAL AND MASTER DISSERTATIONS

TRAINING OF YOUNG RESEARCHERS AND SCIENTISTS

MS Theses:

Lukic, Ivan Kresimir. Role of Fas ligand in regulation of bone resorption. Zagreb University School of Medicine, 2002.
Kovacic, Natasa. Glycosphingolipid expression in primary and secondary mice lymphoid organs. Zagreb University School of Medicine, 2000
Markotic, Anita. Glycosphingolipid expression in tissues of immunodeficient mice. Zagreb University School of Natural Sciences, 1997
Katavic, Vedran. Immunologic and genetic limitations of osteoinduction in mice. Zagreb University School of Natural Sciences, 1997

PhD Theses:

Salopek, Daniela. Bone phenotype of mice with a transgene for interleukin 7 (IL-7). Zagreb University School of Medicine, 2009

Lukic, Ivan Kresimir. Mechanisms of development of bone phenotype in mouse generalized lymphoproliferative disorder. Zagreb University School of Medicine, 2005

Kovacic, Natasa. The role of Fas Fas ligand system in apoptosis and differentiation of osteoblasts and osteoclasts. Zagreb University School of Medicine, 2005

Markotic, Anita. Immunochemical analysis of glycosphingolipid expression in tissues of mice deficient for TNF receptor 1 and b2-microglobulin. Zagreb University School of Medicine, 2001

Katavic, Vedran. The role of TNF receptor I (p55) and Fas ligand in mouse new bone induction. Zagreb University School of Medicine, 2001

Bedalov, Antonio. Regulation of gene transcription of collagen alfa1(I) chain. Zagreb University School of Medicine, 1998

VISITS TO FOREIGN RESEARCH AND EDUCATION INSTITUTIONS

2002, 2003 - Guest editor and researcher at *The Lancet*, London, UK

2000 - Visiting researcher: Max Planck Institute, Department of Immunobiology, Freiburg, Germany 1983-1985 - Student researcher, Department of Immune Genetics, Max-Planck Institute for Biology, Tübingen, Germany

1998 - Visiting researcher: Institute for Cell Culture Technology, University of Bielefeld, Bielefeld, Germany; Bilateral Cooperation between Croatia and Germany

1993 - Visiting researcher: Institut für Pathologie, GSF – Gesellschaft für Strahlen und Umweltforschung, München, Germany; Bilateral Cooperation between Croatia and Germany

AWARDS AND RECOGNITIONS

2006 - National Award for Science, given by the Parliament of the Republic of Croatia

2002 - Strossmayer's Croatian Academy of Sciences Award

2001 - Strossmayer's Croatian Academy of Sciences Award

1999 - Croatian National Decoration for the Contribution to Science

1985 - Academician Drago Perovic's Award for Outstanding Student

1984 - University Award for Student Research Work

1983 - University Rector's Award for Outstanding Student

ORGANIZATIONAL SKILLS AND COMPETENCES

(CHRONOLOGICALLY; ORGANIZATION OF HOME AND INTERNATIONAL SCIENCE EVENTS)

Organization of a Workshop for Editors: Publishing Integrity in the Digital Age, Split, Croatia, 6-7 July 2012

Organization of Croatian National Science Foundation Summer School of Scientific Communication for doctoral students, Split, 13-17 July 2009, 12-16 July 2010, 22-26 August 2011

Organization of the EMBO Practical Course "Anatomy and Embryology of the Mouse", Zagreb; 15-22 September 2002, 11-19 September 2004, 9-17 September 2006, 6-14 September 2008, 11-19 September 2010, 8-16 September 2012

Collaboration with WHO EMRO: Workshop on medical writing and peer review, Medical Specialties Association, Muscat, Oman; 2009, 2010, 2011

Organization of a Round Table of Journal Editors, Zadar, 2007

Organization of the Workshop "First Croatian Workshop on Scientific Publishing - Scientific Journals and Their Editors: Responsibilities and Rights"; in collaboration with the National and University Library; Zagreb, 14-15 October 2005

Organization of the meeting of the International Committee of Medical Journal Editors, Cavtat, June 2004

Organization of the international meeting for journal editors; Croatian Academy of Arts and Sciences, June 2004

Organization of the Workshop on Statistics in Medicine, in collaboration with the University of Cambridge and BESO, UK; Split, Croatia, August 2004

Organization of the workshop on scientific communication, in collaboration with editors of international journals (Lancet, JAMA; Annals of Internal Medicine, BMJ), Split 2000, Rijeka 2001, Zagreb 2002, Cavtat 2003

MEMBERSHIP IN SCIENCE ORGANIZATIONS AND BODIES

(CHRONOLOGICALLY; HOME AND INTERNATIONAL ORGANIZATIONS AND BODIES)

Member of the Steering committee of the EQUATOR network, since 2010
Member, Council of the European Association of Science Editors, since 2009
Member, Campaign for Revitalization of Academic Medicine, since 2004
Member, International Committee of Medical Journal Editors, since 2003
President, Council of Science Editors, USA, 2007-2008
President, World Association of Medical Editors, 2001-2003

COMMISSIONS, COMMITTEES, BOARDS AND WORK GROUPS

(CHRONOLOGICALLY; HOME AND INTERNATIONAL)

Member, Statutory Review of the European Science Foundation, 2009
Chair, Publishing Advisory Committee, Ministry of Science, Education and Sports, 2004-2010

PUBLICATIONS

(CHRONOLOGICALLY, FROM 2005)

Articles related to the study of science, education and scientific communication

1. Marusic A, Gasparyan AY, Kitas GD. Promoting transparent and accurate reporting of research studies in rheumatology: Endorsement of reporting guidelines in rheumatology journals. *Semin Arthritis Rheum* 2013 Mar 4. [Epub ahead of print].
2. Marusic A, Sambunjak D, Jeroncic A, Malicki M, Marusic M. No health research without education for research - experience from an integrated course in undergraduate medical curriculum. *Med Teach* 2013 Mar 6. [Epub ahead of print].
3. Broga M, Mijaljica G, Waligora M, Keis A, Marusic A. Publication Ethics in Biomedical Journals from Countries in Central and Eastern Europe. *Sci Eng Ethics* 2013 Mar 1. [Epub ahead of print].
4. Bosch X, Hernández C, Pericas JM, Doti P, Marusic A. Misconduct policies in high-impact biomedical journals. *PLoS One* 2012;7:e51928.
5. Malicki M, Jeroncic A, Marusic M, Marusic A. Why do you think you should be the author on this manuscript? Analysis of open-ended responses of authors in a general medical journal. *BMC Med Res Methodol* 2012;12:189.
6. Bosnjak L, Marusic A. Prescribed practices of authorship: review of codes of ethics from professional bodies and journal guidelines across disciplines. *Scientometrics* 2012, 93:751-63.
7. Marusic A, Marusic M. When a disaster strikes: two editors in war. *Med J Aust* 2012;197:118-20.
8. Utrobicic A, Chaudhry N, Ghaffar A, Marusic A. Bridging knowledge translation gap in health in developing countries: visibility, impact and publishing standards in journals from the Eastern Mediterranean. *BMC Med Res Methodol* 2012;12:66.
9. Tudor Car L, Van Velthoven MH, Brusamento S, Elmoniry H, Car J, Majeed A, Tugwell P, Welch V, Marusic A, Atun R. Integrating prevention of mother-to-child HIV transmission programs to improve uptake: a systematic review. *PLoS One* 2012;7:e35268.
10. Hren D, Sambunjak D, Marusic M, Marusic A. Medical students' decisions about authorship in disputable situations: intervention study. *Sci Eng Ethics* 2012 Mar 1. [Epub ahead of print]
11. Heidari S, Abdool Karim Q, Auerbach JD, Buitendijk SE, Cahn P, Curno MJ, Hankins C, Katabira E, Kippax S, Marlink R, Marsh J, Marusic A, et al. Gender sensitive reporting in medical research. *J Int AIDS Soc* 2012;15:11.
12. Marusic A, Marusic M. Can small journals provide leadership? *Lancet* 2012;379:1361-3.
13. Marusic A, Bosnjak L, Jeroncic A. A systematic review of research on the meaning, ethics and practices of authorship across scholarly disciplines. *PLoS One* 2011;6:e23477.
14. Ivanis A, Hren D, Marusic M, Marusic A. Less work, less respect: authors' perceived importance of research

- contributions and their declared contributions to research articles. *PLoS One* 2011;6:e20206.
15. Huic M, Marusic M, Marusic A. Completeness and changes in registered data and reporting bias of randomized controlled trials in ICMJE journals after trial registration policy. *PLoS One* 2011;6:e25258.
 16. Marusic A. Problems of editors with authorship in small medical journals. *Int J Occup Environ Med* 2011;2:130-2.
 17. Bosnjak L, Puljak L, Vukojevic K, Marusic A. Analysis of a number and type of publications that editors publish in their own journals: case study of scholarly journals in Croatia. *Scientometrics* 2011; 86:227-33.
 18. Hren D, Marusic M, Marusic A. Regression of moral reasoning during medical education: combined design study to evaluate the effect of clinical study years. *PLoS ONE* 2011;6:e17406.
 19. Marusic, A. Editors as gatekeepers of responsible science. *Biochemia Medica* 2010;20:282-7.
 20. Drazen JM, de Leeuw PW, Laine C, Mulrow C, DeAngelis CD, Frizelle FA, Godlee F, Haug C, Hébert PC, James A, Kotzin S, Marusic A, Reyes H, Rosenberg J, Sahni P, Van der Weyden MB, Zhaori G. Toward more uniform conflict disclosures – the updated ICMJE conflict of interest reporting form. *N Engl J Med* 2010;363:188-9. – and other ICMJE journals
 21. Novak K, Miric D, Jurin A, Vukojevic K, Aljinovic J, Caric A, Marinovic Guic M, Poljicanin A, Kosta V, Rako D, Marusic A, Marusic M, Puljak L. Awareness and use of evidence-based medicine databases and Cochrane Library among physicians in Croatia. *Croat Med J* 2010;51:157-64.
 22. Pangercic A, Sambunjak D, Hren D, Marusic M, Marusic A. Climate for career choices: survey of medical students' motivation for studying, career preferences and perception of their teachers as role models. *Wien Klin Wochenschr* 2010;122:243-50.
 23. Vujaklija A, Hren D, Sambunjak D, Vodopivec I, Ivanis A, Marusic A, Marusic M. Can teaching research methodology influence students' attitude toward science? Cohort study and nonrandomized trial in a single medical school. *J Investig Med* 2010;58:282-6.
 24. Marcovitch H, Barbour V, Borrell C, Bosch F, Fernández E, Macdonald H, Marusic A, Nylenna M; Esteve Foundation Discussion Group. Conflict of interest in science communication: more than a financial issue. Report from Esteve Foundation Discussion Group, April 2009. *Croat Med J* 2010;51:7-15.
 25. Sambunjak D, Straus SE, Marusic A. A systematic review of qualitative research on the meaning and characteristics of mentoring in academic medicine. *J Gen Intern Med* 2010;25:72-8.
 26. Sambunjak D, Marusic A. Mentoring: what's in a name? *JAMA* 2009;302:2591-2.
 27. Marusic A. Editorial interest in conflict of interest. *Croat Med J* 2009;50:339-41.
 28. Drazen JM, Van der Weyden MB, Sahni P, Rosenberg J, Marusic A, Laine C, Kotzin S, Horton R, Hébert PC, Haug C, Godlee F, Frizelle FA, de Leeuw PW, DeAngelis CD. Uniform format for disclosure of competing interests in ICMJE journals. *N Engl J Med* 2009;361:1896-7.
 29. Marusic A. Can journal editors police animal welfare? Three Es for three Rs in scientific journals. *Am J Bioeth* 2009;9:66-7.
 30. Marusic A, Damjanov I. Ensuring the integrity of the published record: Croatian Medical Journal endorses guidance on retractions in scientific journals by Committee on Publication Ethics (COPE). *Croat Med J* 2009;50:531.
 31. Marinovic D, Hren D, Sambunjak D, Rasic I, Skegro I, Marusic A, Marusic M. Transition from longitudinal to block structure of preclinical courses: outcomes and experiences. *Croat Med J* 2009;50:492-506.
 32. Marusic A. Morphology: bodies, genes, journals. [Editorial] *Croat Med J* 2009;50:1-3.
 33. Rudan I, Marusic A, Jankovic S, Rotim K, Boban M, Lauc G, Grkovic I, Dogas Z, Zemunik T, Vatauvuk Z, Bencic G, Rudan D, Mulic R, Krzelj V, Terzic J, Stojanovic D, Puntaric D, Bilic E, Ropac D, Vorko-Jovic A, Znaor A, Stevanovic R, Biloglav Z, Polasek O. '10001 Dalmatians:' Croatia launches its national biobank. *Croat Med J* 2009;50:4-6.
 34. Cvek M, Hren D, Sambunjak D, Planinc M, Mackovic M, Marusic A, Marusic M. Medical teachers' attitudes towards science and motivational orientation for medical research. *Wien Klin Wochenschr* 2009;121:256-61.

35. Salopek D, Lovric J, Hren D, Marusic A. Temporal structure of first-year courses and success at course exams: Comparison of traditional continual and block delivery of anatomy and chemistry courses. *Croat Med J* 2009;50:61-8.
36. Marusic A. Registration of clinical trials still moving ahead – September 2008 update to Uniform Requirements for Manuscripts Submitted to Biomedical Journals. [Editorial] *Croat Med J* 2008;49:582-5.
37. Marusic M, Marusic A. Threats to the integrity of the Croatian Medical Journal: an update. *Croat Med J* 2008;49:8-11.
38. Sambunjak D; Huic M, Hren D, Katic M, Marusic A, Marusic M. National vs. international journals: views of medical professionals in Croatia. *Learned Publishing* 2008;22:57-70
39. Ivanis A, Hren D, Sambunjak D, Marusic M, Marusic A. Quantification of authors' contributions and eligibility for authorship: randomized study in a general medical journal. *J Gen Intern Med* 2008;23:1303-1310.
40. Marusic M, Marusic A. Discussing the future of the journal. *Croat Med J* 2008;49:158-60.
41. Sambunjak D, Ivanis A, Marusic A, Marusic M. Representation of journals from five neighboring European countries in the Journal Citation Reports. *Scientometrics* 2008;76:261-271.
42. Golubic R, Rudes M, Kovacic N, Marusic M, Marusic A. Calculating impact factor: How bibliographical classification of journal items affects the impact factor of large and small journals. *Sci Eng Ethics* 2008;14:41-49.
43. Marusic A, Katavic V, Marusic M. Role of editors and journals in detecting and preventing scientific misconduct: strengths, weaknesses, opportunities, and threats. *Med Law* 2007;26:545-566.
44. Hren D, Sambunjak D, Ivanis A, Marusic M, Marusic A. Perceptions of authorship criteria: effects of student instruction and scientific experience. *J Med Ethics* 2007;33:428-432.
45. Rogulj Z, Baloevic E, Dogas Z, Kardum G, Hren D, Marusic A, Marusic M. Family medicine practice and research: survey of physicians' attitudes towards scientific research in a post-communist transition country. *Wien Klin Wochenschr* 2007;119:164-169.
46. Laine C, Horton R, DeAngelis CD, Drazen JM, Frizelle FA, Godlee F, Haug C, Hebert PC, Kotzin S, Marusic A, Sahni P, Schroeder TV, Sox HC, Van der Weyden MB, Verheugt FW. Clinical trial registration--looking back and moving ahead. *N Engl J Med* 2007;356:2734-6. – and other ICMJE journals
47. Ioannidis JP, Ahmed T, Awasthi S, Clarfield AM, Clark J, Dandona L, Howe A, Lozano JM, Li Y, Madani H, Marusic A, Mohammed I, Purcell GP, Rhoads M, Sliwa-Hahnle K, Straus SE, Edejer TT, Tugwell P, Ward R, Wilkes MS, Smith R. Open letter to the leader of academic medicine. *BMJ* 2007;334:191-193.
48. Ilakovac V, Fister K, Marusic M, Marusic A. Reliability of disclosure forms of authors' contributions. *CMAJ* 2007;176:41-46.
49. Simunovic VJ, Hren D, Ivanis A, Dørup J, Krivokuca Z, Ristic S, Verhaaren H, Sonntag HG, Ribaric S, Tomic S, Vojnikovic B, Seleskovic H, Dahl M, Marusic A, Marusic M. Survey of attitudes towards curriculum reforms among medical teachers in different socio-economic and cultural environments. *Med Teach* 2007;29:833-5.
50. Marusic M, Marusic A. Threats to the integrity of the Croatian Medical Journal. *Croat Med J* 2007;48:779-85
51. Marusic A, Marusic M. Killing the messenger: should scientific journals be responsible for policing scientific fraud? *Med J Aust* 2006;184:596-597.
52. Marusic M, Sambunjak D, Marusic A. Life of small medical journal – how bibliographical indexing and international visibility affected editorial work in Croatian Medical Journal. *Croat Med J* 2006;47:372-375.
53. Simunovic VJ, Sonntag HG, Hren D, Dorup J, Krivokuca Z, Bokonjic D, Verhaaren H, Horsch A, Mimica M, Vojnikovic B, Seleskovic H, Marz R, Marusic A, Marusic M. A comprehensive assessment of medical schools in Bosnia and Herzegovina. *Med Educ* 2006;40:1162-1172.

54. Hren D, Vujaklija A, Ivanisevic R, Knezevic J, Marusic M, Marusic A. Students' moral reasoning, Machiavellianism and socially desirable responding: implications for teaching ethics and research integrity. *Med Educ* 2006;40:269-277.
55. Marusic A, Marusic M. Double life of medical journals: Dr Paper and Mr Web. *Croat Med J* 2006;47:4-6.
56. Marusic M, Markulin H, Lukic IK, Marusic A. Academic advancement of authors receiving tutoring from a medical journal. *Teaching and Learning in Medicine* 2006;18:126-129.
57. Sambunjak D, Straus S, Marusic A. Mentoring in academic medicine. A systematic review. *JAMA* 2006; 296:1103-1115.
58. Marusic A, Bates T, Anic A, Marusic M. How the structure of contribution disclosure statement affects validity of authorship: randomized study in a general medical journal. *Curr Med Res Opin* 2006; 22:1035-1044.
59. Misak A, Marusic M, Marusic A. Manuscript editing as a way of teaching academic writing: experience from a small scientific journal. *Journal of Second Language Writing* 2005, 14:122-131.
60. Marusic A. Author misconduct: editors as educators of research integrity. *Med Educ* 2005;39:7-8.
61. Nemcic N, Novak S, Maric L, Novosel I, Kronja O, Hren D, Marusic A, Marusic M. Development and validation of questionnaire measuring attitudes towards sexual health among university students. *Croat Med J* 2005;46:52-57.
62. Awasthi S, Beardmore J, Clark J, Hadridge P, Madani H, Marusic A, Purcell G, Rhoads M, Sliwa-Hahnle K, Smith R, Edejer TT, Tugwell P, Underwood T, Ward R; International Campaign to Revitalise Academic Medicine. Five futures for academic medicine. *PLoS Med* 2005;2:e207.
63. Marusic A. Revitalization of academic medicine: looking into the future. *Croat Med J* 2005;46:1-3.
64. Burazeri G, Civljak M, Ilakovac V, Jankovic S, Majica-Kovacevic T, Nedera O, Roshi E, Sava V, Simunovic V, Marusic A, Marusic M. Survey of attitudes and knowledge about science in medical students in southeast Europe. *BMJ* 2005;331:195-6.
65. De Angelis CD, Drazen JM, Frizelle FA, Haug C, Hoey J, Horton R, Kotzin S, Laine C, Marusic A, Overbeke AJ, Schroeder TV, Sox HC, Van Der Weyden MB; International Committee of Medical Journal Editors. Is this clinical trial fully registered? A statement from the International Committee of Medical Journal Editors. *N Engl J Med*. 2005;352:2436-2438. – and other ICMJE journals
66. Marusic M, Sambunjak D, Marusic A. Guide for peer reviewers of scientific articles in the Croatian Medical Journal. *Croat Med J* 2005;46:326-332.
67. Marusic A, Hren D, Marusic M. Peer review of articles on global burden of disease. *CMAJ* 2005 Mar 15;172:727.

Book chapters; textbooks

- 1 Nylena M, Hagve T-A, Marusic A. Small journals and non-English journals. In: Godlee F, Jefferson T, ed. Peer review in health sciences. London: BMJ Books, 2003. str. 140-150.
- 2 Marusic M, Marusic A. Organizing the editorial office and educating contributors. In: Science Editors' Handbook. European Association of Science Editors, 2005.
- 3 Marusic A, Marusic M. Promotion of journals, especially small scholarly journals. In: Science Editors' Handbook. European Association of Science Editors, 2005.
- 4 Marusic M, Marusic A, King R, Tamber SP. Establishing a new journal. In: Science Editors' Handbook. European Association of Science Editors, 2005.
- 5 Marusic A. ed. Revitalization of academic medicine. Zagreb: CMJ and Medicinska naklada, 2005.
- 6 Marusic A, Haug C. The journal editor's perspective. In: Foote M, ed. Clinical trial registries. A practical guide for sponsors and researchers of medicinal products. Basel: Birkhäuser, 2006.
- 7 Marusic A. Approaches to the detection of research misconduct – The role of the peer review process. In: Wells F, Farthing M, ed. Fraud and Misconduct in Biomedical Research. London: The Royal Society of

Medicine Press, 2008.

- 8 Marusic A .Ch. 14Scientific publication; Ch. 15. Structure of the scientific article; Ch. 16. Writing the scientific article. In: Marusic M, ed. Principles of Research in Medicine. Medicinska naklada, Zagreb, 2008.
- 9 Author and editor of student textbooks and editor of translations of anatomy atlases for medical students.

Articles related to biomedical research

1. Topic I, Ikic M, Ivcevic S, Kovacic N, Marusic A, Kusec R, Grcevic D. Bone morphogenetic proteins regulate differentiation of human promyelocytic leukemia cells. *Leuk Res*. 2013 Mar 22. [Epub ahead of print].
2. Cvija H, Kovacic N, Katavic V, Ivcevic S, Aguila HL, Marusic A, Grcevic D. Chemotactic and immunoregulatory properties of bone cells are modulated by endotoxin-stimulated lymphocytes. *Inflammation* 2012;35:1618-31.
3. Lazic E, Jelusic M, Grcevic D, Marusic A, Kovacic N. Osteoblastogenesis from synovial fluid-derived cells is related to the type and severity of juvenile idiopathic arthritis. *Arthritis Res Ther* 2012;14:R139.
4. Jajic Z, Rajnpreht I, Kovacic N, Lukic IK, Velagic V, Grubisic F, Marusic A, Grcevic D. Which clinical variables have the most significant correlation with quality of life evaluated by SF-36 survey in Croatian cohort of patient with ankylosing spondylitis and psoriatic arthritis? *Rheumatol Int* 2011 Nov 8. [Epub ahead of print]
5. Kuharic J, Kovacic N, Marusic P, Marusic A, Petrovecki V. Positive identification by a skull with multiple epigenetic traits and abnormal structure of the neurocranium, viscerocranium, and the skeleton. *J Forensic Sci* 2011;56:788-93.
6. Kovacic N, Grcevic D, Katavic V, Lukic IK, Marusic A. Targeting Fas in osteoresorptive disorders. *Expert Opin Ther Targets* 2010;14:1121-34.
7. Lango Allen H et al. Hundreds of variants clustered in genomic loci and biological pathways affect human height. *Nature* 2010;467:832-8.
8. Grcevic D, Kusec R, Kovacic N, Lukic A, Lukic IK, Ivcevic S, Nemet D, Seiwerth RS, Ostojic SK, Croucher PI, Marusic A. Bone morphogenetic proteins and receptors are over-expressed in bone-marrow cells of multiple myeloma patients and support myeloma cells by inducing ID genes. *Leuk Res* 2010;34:742-51.
9. Grcevic D, Jajic Z, Kovacic N, Lukic IK, Velagic V, Grubisic F, Ivcevic S, Marusic A. Peripheral blood expression profiles of bone morphogenetic proteins, tumor necrosis factor-superfamily molecules, and transcription factor Runx2 could be used as markers of the form of arthritis, disease activity, and therapeutic responsiveness. *J Rheumatol* 2010;37:246-56.
10. Kovacic N, Grcevic D, Katavic V, Lukic IK, Grubisic V, Mihovilovic K, Cvija H, Croucher PI, Marusic A. Fas receptor is required for estrogen deficiency-induced bone loss in mice. *Lab Invest* 2010;90:402-13.
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Phenotype in the Mouse Mutant Yoda. *Physiol Genomics* 2008;32:311-21.

17. Kovacic N, Lukic IK, Grcevic D, Katavic V, Croucher P, Marusic A. The Fas/Fas ligand system inhibits differentiation of murine osteoblasts but has a limited role in osteoblast and osteoclast apoptosis. *J Immunol* 2007;178: 3379-3389.
18. Grcevic D, Lukic IK, Kovacic N, Ivcevic S, Katavic V, Marusic A. Activated T-lymphocytes suppress osteoclastogenesis by diverting early monocyte/macrophage progenitor lineage commitment towards dendritic cell differentiation through downregulation of RANK and c-Fos. *Clin Exp Immunol* 2006;146:146-158.
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20. Krmpotic-Nemanic J, Vinter I, Ehrenfreund T, Marusic A. Age-related changes in the anatomical landmarks of the osseous epipharynx. *Ann Anat* 2006;188:459-467.
21. Krmpotic-Nemanic J, Vinter I, Marusic A. Relations of the pterygoid hamulus and hard palate in children and adults: anatomical implications for the function of the soft palate. *Ann Anat* 2006;188:69-74.
22. Marusic A, Vinter I, Krmpotic-Nemanic J. Lost and found anatomical terms: crista choanalis vomeris. *Ann Anat* 2006;188:281-283.
23. Markotic A, Marusic A, Muthing J. Expression of neutral glycosphingolipids in the brain, lymphoid organs and lungs of mice lacking b2-microglobulin. *Neuroimmunomodulation* 2005; 12:310-313.
24. Krmpotic-Nemanic J, Vinter I, Kelovic Z, Marusic A. Postnatal changes of the clivus. *Ann Anat* 2005;187:277-280.
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OTHER RESEARCH ACTIVITIES

(CHRONOLOGICALLY; CHIEF EDITOR OR EDITOR OF RESEARCH BOOK, HOME AND INTERNATIONAL RESEARCH JOURNALS, HOME AND INTERNATIONAL CONFERENCE PROCEEDINGS AND OTHER)

Editor in Chief, *Croatian Medical Journal*, since 1995

Reviewer for many journals: New England Journal of Medicine, The Lancet, Canadian Medical Association Journal, BMJ, PLoS Medicine, PLoS ONE, Biomed Central, International Microbiology, JAMA, The Medical Journal of Australia, The British Journal of General Practice, Annals of Internal Medicine, Journal of Endocrinology, Immunology, Medical Education, Journal of Investigative Medicine

Invited lectures and oral presentation at research conferences:

Marusic A. Plenary speaker: Training for better research reporting. ACT now: Accuracy, Completeness, and Transparency in health research reporting, Freiburg, October 11-12, 2012

Marusic A. Invited speaker at the Annual Meeting of the European Association of Science Editors, Tallinn, Estonia, June 8-10, 2012

Marusic A. Plenary speaker: Can small journals provide leadership? Fifth Belgrade International Open Access Conference, Belgrade, 18-19 May 2012

Marusic A. Invited speaker at the II Brazilian Meeting on Research Integrity, Rio de Janeiro- Sao Paulo, May 28 – June 1, 2012.

Marusic A. Lecture: Current standards of research reporting: reporting guidelines for clinical and laboratory research. Excellence in Rheumatology, Madrid, January 25-28, 2012

Marusic A. Lecture: How to choose articles which deserve to be read. 6th Congress of the Turkish Society of Surgeons, Ankara, December 6-9, 2011

Marusic A. Key-note lecture: Authorship definition across disciplines. Annual Scientific Congress of Iranian Society of Medical Editors in association with COPE, Shiraz, November 24-25, 2011.

Marusic A. Lecture: Understanding the role of Fas-Fas ligand system in bone. Biorheumatology International

Congress (BRIC), Tokyo, November 14-16, 2011

Marusic A. Lecture: Misbehavior of journals. Congresso SEE-SESPAS, Madrid, October 6-8, 2011

Marusic A. Key-note lecture: Systematic review of research on authorship. COPE Seminar, London, March 17, 2011

Marusic A. Invited talks: “Visibility of Eastern Mediterranean journals” and “ICMJE Guidelines: A Critical Appraisal”, 5th Regional Conference of Medical Journals in the Eastern Mediterranean Region, Karachi, Pakistan, December 1-5, 2010

Marusic A. Lecture on Authorship at the session of the 2nd World Conference on Research Integrity, Singapore, July 21-24 2010

Marusic A. Lecture at Career Session Workshop: “Misconduct in science communication and the role of editors as science gatekeepers”, ESOF – Euroscience Open Forum, Torino, Italy July 2-4, 2010

Marusic A. Organization of the Workshop “Communicating Research – Writing for Scientific Journals“, European General Practice Research Network Dubrovnik, 15-18 October 2009

Marusic A. Plenary lecture “Ethical Issues in the Publication Process”; The EFGCP Annual Conference 2009 on Research Integrity: a European Perspective, Prague, Czech Republic, 27-28 January 2009

Marusic A. Key note lecture “Reaching out to Mainstream Science”; Fourth Regional Conference on Medical Journals in the Eastern Mediterranean Region, Kingdom of Bahrain, 5-7 November 2008

Marusic A. Invited lecture “Mentoring authors”, Veterinary Editors Meeting; 29 September 2008; VMA Headquarters, London, UK

Marusic A. Lecture “Clinical Trial Registration as Requirement for Publication of Trial Results in Scientific Journals. Symposium “Ethics of Clinical Trials, 9th World Congress of Bioethics, Rijeka, 4 September 2008

Marusic A. Invited lecture “Publishing medical journals from the periphery”, 34th Panhellenic Medical Congress, Athens, Greece, 23 May 2008

Marusic A. Lecture “Role of Editors and Journals in Detecting and Preventing Scientific Misconduct”, Symposium “Ethical Issues in Scientific Publishing”, Annual Meeting, American Association for the Advancement of Science (AAAS), Boston, MA, USA, 16 February 2008

Marusic A. Lecture “The Role of the Media for Safety Information Between Hope and Hype”, The EFGCP (European Forum for Good Clinical Practice) Annual Conference 2008, Safety In Clinical Trials – Are We In Jeopardy?, Brussels, Belgium, 29 January 2008

Marusic A. Key-note lecture: Access to Information for Everyone: What Can Journal Editors Contribute? BOBCATSSS 2008; Zadar, Croatia, 28-30 January 2008

Marusic A. Presentation of the Global Theme Issue on Poverty and Human Development (as president of Council of Science Editors). Masur Auditorium, National Institutes of Health, Bethesda, 22 October 2007

Marusic A. Invited lecture: “Role of Medical Editors in Shaping Health Policy”, International Health Conference: Recent Advances in Clinical Medicine, Public Health and Health Policy. Athens, Greece, 22-24 September 2007

Marusic A. Session moderator and lecture: “Education for Responsible Publication”, ESF-ORI First World Conference on Research Integrity: Fostering Responsible Research. Lisbon, Portugal, 16-19 September 2007

Marusic A. Invited lecture “Biomedical Journals – Perspectives of Scientific Publishing”. 2007 Medical Information Conference Croatia, Zagreb, 14 June 2007

Marusic A. Invited lecture. “Registration of Clinical Trials”, European-American Anesthesia Conference 2007, Dubrovnik 3–5 May 2007

Marusic A. Invited lecture “Journal Editors and Integrity of Scientific Publication”, Department of Anatomy and Cell Biology, The University of Melbourne, Melbourne, Australia, 16 April 2007

Marusic A. Invited lecture “Authorship and Transparency”. Committee of Publication Ethics, London, 16 March 2007

Marusic A. Invited lecture “Molecular Interactions between the Immune System and Bone”, Max Planck Institute and Medical Faculty University of Maribor Partner Symposium on Molecular Physiology, Maribor, 9-10 December 2006

Marusic A. Key-note speech “The Role of Editors and Journals in Detecting Scientific Misconduct: Strengths, Weaknesses, Opportunities, and Threats”. 2006 ORI Research Conference on Research Integrity, Tampa FL, USA, December 1-3, 2006

Marusic A. Invited lecture “Academic Medicine: Today and Tomorrow”. Scientific symposium of the Croatian Academy of Medical Sciences “Ethics and Medicine”, Zagreb, 24 November 2006

Marusic A. Key-note speech: “The Futures of Academic Medicine”, 10th Graz Conference on Medical Education –

Curriculum Development as an Ongoing Process, Vienna, Austria, May 12-13, 2006
Marusic A. Invited lecture: "Scientific Writing and Publishing", Maribor University School of Medicine, Maribor, Slovenia, January 12, 2006
Marusic A. Key-note speech: A Mentoring or Educational Role for National Medical Journals Published in English, Mediterranean Editors' and Translators' Meetings, Barcelona, Spain, November 4-5, 2005
Marusic A, Anic A, Bates T, Ilakovac V, Marusic M. In the Eye of the Beholder: Contribution Disclosure Practices and Inappropriate Authorship Fifth International Congress on Peer Review and Biomedical Publication, Chicago, USA, September 16-18, 2005
Marusic A. Key-note lecture: The Futures of Academic Medicine, Symposium "Gefahrdung der Universitaeren Medizin", Heidelberg, Germany, July 23, 2005
Marusic A. Panelist and speaker at Publication Planning & Execution Excellence: Practical Strategies for Publication Planning Superiority, London, UK, June 16-18, 2005

COMPUTER SKILLS

Expert use of Microsoft Office, MedCalc, Adobe Creative Suite

OTHER IMPORTANT SKILLS AND COMPETENCES

Expert for international organizations:

Expert, ESF-EMRC Forward Look Consensus Conference, 'Implementation of Medical Research into Clinical Practice', Strasbourg, France. October 13-14, 2010
Advisor, Conference on the Impact on Clinical Research of European Legislation – ICREL: Results & Discussion, Brussels, December, 2008
Advisor, Vienna Initiative to Save European Academic Research II, Vienna, Austria, November 12, 2007
Organizer and speaker. Author/Reviewer Workshop, The 8th Global Forum of Bioethics in Research; organized by the Fogarty International Center, NIH. Vilnius, Lithuania, June 27-29 2007
Advisory Board member, Author AID – project of the International Network for the Availability of Scientific Publications (INASP) and Swedish International Development Agency (SIDA), since 2007
Facilitator and speaker. MALAWI MEDICAL JOURNAL, Author/ Reviewer Workshop, organized by the Fogarty International Center, NIH. Zomba, Malawi, November 13-15, 2006
Facilitator and speaker. "Strategic Online Publishing" Workshop, organized by the International Network for the Availability of Scientific Publications (INASP), Kandy, Sri Lanka, May 30-June 3, 2005
Evaluator, EU – Marie Curie programmes of the EC, Brussels, Belgium, since 2005
WHO – Clinical Trial Registry Standards Meeting – Establishment of an International Clinical Trial Registration Platform (ICTRP), Geneva, April 25-27, 2005
WHO/World Federation for Medical Education – consultations about the future of academic medicine, Copenhagen, Denmark, October 5-6, 2004
WHO – Meeting on Mental Health research in Developing Countries: Role of Scientific Journals, Geneva, Switzerland, November 20-21, 2003
UNDP/World Bank/WHO – Consultative Meeting and Workshop for Strengthening African Medical Journals, Geneva, Switzerland, October 14-16, 2002

ADDITIONAL INFORMATION AND NOTES

During the 1991-1995 war in Croatia, participated in a number of humanitarian and peace-building actions. One of the founders and leaders of the large humanitarian action „White Road for Nova Bila and Silver Bosnia”.