

INTRODUCING NEW MEMBERS OF THE EDITORIAL COUNCIL

Professor Nada Bešenski, M.D., Ph.D.



Professor of Radiology, subspecialist in Neuroradiology

Department of Radiology, Zagreb University Hospital Center and Zagreb University School of Medicine, Zagreb, Croatia

Nada Bešenski was born on September 2, 1943, in Krapina, Croatia. She graduated from the Zagreb University School of Medicine in 1968, and completed training in General Radiology in 1974. As a neuroradiologist, she was awarded fellowship for professional training at the Abteilung für Neuroradiologie, Universitäts Klinik J.W. Goethe in Frankfurt in 1974. In 1995, she spent two months working at the Department of Radiology, University Hospital in Charleston, USA. In 1999, she worked for three weeks at the MR Unit in Kiel, Germany.

In 1977, she acquired MS degree by defending her thesis entitled *The ratio of condensed and spongiose bone of carpal skeleton in functional adaptation of the hand* at the Zagreb University School of Medicine. In 1979, she defended her doctoral dissertation entitled *Angiodensitometry of carotid artery in clinical practice* at the Zagreb University School of Medicine.

In 1985, she was appointed Professor of Radiology, and reappointed in 1998. She has been working as a

neuroradiologist at the Zagreb University Hospital Center since 1974, having mastered the use of different imaging techniques, e.g., CT, MR, DSA. Throughout these years, she has also been actively engaged as a teacher, transferring her great knowledge to both under- and postgraduate students, residents, and other colleagues. As a teacher, she has improved the teaching process by introducing video and other computer assisted lectures. She has created two videotapes on the topic of 'brain anatomy as demonstrated by CT' and numerous teaching tests. Also, she has organized a number of under- and postgraduate courses on various topics, e.g., CT in neuroradiology; Brain ischemia; Basal brain tumors; Arteriovenous malformations; Brain injury; etc. As an invited speaker, she participated in many neuroscience meetings throughout Europe, and took active participation in more than forty international meetings on neuroscience.

An important segment of her professional activities have been devoted to research, the fields of her special scientific interest being brain injury, brain tumors, white matter diseases, and cerebrovascular disease. Nada Bešenski is principal investigator in two projects launched by the Croatian Academy of Sciences and Arts: *Diagnosis and treatment of Wilson's disease*, and *Cranio-cerebral injury – clinical and morphological approach*, and investigator in the research project of the Ministry of Science and Technology of the Republic of Croatia, entitled *Bank of tumors for basic research*.

In cooperation with experts from the School of Electrical Engineering, she has been working on the neural network program to be used in patients suffering brain injury. Presently, she is involved in preparing a protocol as a database for computer analysis of neural network and postprocessing of medical images.

In 1997, a pilot study of teleradiology between some hospitals (between Virovitica General Hospital and Zagreb University Hospital Center – Rebro, with a 30-km distance, and between the Zagreb University Hospital Center Department of Radiology and ENT Department, with a 3-km distance) was launched in Croatia.

During the late 1990s, thirty departments of radiology from different places have been interconnected by means of teleradiology, thus covering all parts of Croatia. Nada Bešenski has been included in this teleradiology project from the very beginning. Also, she is one of team members working on the program of computer assisted surgery that is under way in Croatia.

Professor Bešenski has published 98 papers, 49 of them scientific, 20 appearing in journals cited in Current Contents or Neuroscience Citation Index. She is author or coauthor of books and/or chapters in 19 books published by prominent European publishers.

She is member of the Editorial Boards of the journals *Neurologia Croatica*, Zagreb, *Radiology and Oncology*, Ljubljana, and *Roentgenologia Radiologia*, Sofia.

Memberships and other activities:

- president of the Croatian Society of Radiology since 1996

- member of the Croatian Medical Association since 1969

- member of the European Association of Radiology since 1989

- chairman of the Croatian Section of Neuroradiology since 1992

- full member of the European Society of Neuro-radiology (ESNR) since 1991 and national delegate in ESNR since 1993

- president of the Croatian Association of University Women since 1999

- Secretary General of the Croatian Society of Radiology (1990 – 1996)

- appreciated by the Executive Committee of ESNR for cooperation and achievement during the 1993 – 1996 period, and by ECR in 2000

- Director of the Seminar on Diagnostic and Interventional Radiology (ESDIR), on the topic of Emergency Radiology, held in Zagreb, June 4-6, 1998

- member of the Neuro-Subcommittee and Chairperson at several European Congresses of Radiology (ECR 1999, ECR 2000, ECR 2001)

- nominated by the American Biographic Institute for the prestigious title of Woman of the Year in 1997.

Barry B. Goldberg



Barry B. Goldberg, M.D. was born and raised in Philadelphia, PA. He graduated from the University of Pennsylvania in 1959, and earned his medical degree in 1963 from the same university. He served his internship (1963 - 1964) and radiology residency (1964 - 1967) in Philadelphia at the Albert Einstein Medical Center, where he developed his interest in ultrasound.

In 1977, he came to Thomas Jefferson University Hospital, where he would become Professor of radiology. There he established the ultrasound division that would grow to become one of the largest ultrasound facilities in the world, performing more than 50,000 examinations a year in 21 clinical examination rooms. In 1992, the university created the Jefferson Ultrasound Research and Education Institute (JUREI), with Dr. Goldberg as its

director. The Institute has opened forty affiliated ultrasound education programs and training centers around the world, through funding from foundations, corporations and U.S. Government agencies. Recognized by the World Health Organization as its only Collaboration Center for Continuing and General Education in Diagnostic Ultrasound, JUREI has trained more than 10,000 physicians, scientists and educators worldwide.

In 1965, Dr. Goldberg delivered the first ultrasound paper given by a radiologist at the meeting of the Radiological Society of North America (RSNA). He is a Past President of the American Institute of Ultrasound in Medicine, and the World Federation of Ultrasound in Medicine and Biology, a global organization of ultrasound societies which counts more than 50,000 members. He has received numerous honorary professorships, memberships and fellowships from around the world. He has written 95 chapters, 23 books, and 285 peer-reviewed papers. He has received more than 120 grants from government, foundations and industry. His research accomplishments were recognized by the RSNA, the leading radiologic organization, when they granted him the Outstanding Researcher award in 1998. In 1999 he delivered the first oration on ultrasound at the RSNA. In 2000, he received an honorary medical degree from the University of Bologna, Italy, in recognition of his contributions to ultrasound research and education. In 2001, he became a fellow of the American Institute for Medical and Biological Engineering.