

**International Networking Meeting for Clinical
Pharmacologists: Exploring ways to improve the
rational use of medicines**

Who's Who

INYS ZAGREB 2008

J K Aronson

Minibiography, January 2008

Jeff Aronson is Reader in Clinical Pharmacology at the University of Oxford and Honorary Consultant Physician at the John Radcliffe Hospital, where he does acute medical takes and teaches the clinical students general medicine and practical drug therapy and prescribing.

His research interests include all aspects of clinical pharmacology, especially adverse drug reactions and interactions and monitoring therapeutic interventions.

Other activities include:

- President, British Pharmacological Society
- Member of the Formulary Committees of the *British National Formulary* and the *British National Formulary for Children*
- Editor-in-Chief, *Meyler's Side Effects of Drugs – The International Encyclopedia of Adverse Drug Reactions and Interactions* (15th edition, 2006) and of its annual update volumes (*Side Effects of Drugs Annuals*)
- Co-author, *The Oxford Textbook of Clinical Pharmacology and Drug Therapy* (3rd edition, Oxford University Press, 2002)
- Co-author, *The Oxford Handbook of Practical Drug Therapy* (Oxford University Press, 2005)
- Co-editor (with Paul Glasziou and Les Irwig), *Evidence-Based Monitoring: From Principles to Practice* (Wiley-Blackwell, 2008)
- Member, Technology Appraisal Committee, NICE
- Chairman, British Pharmacopoeia Commission's Expert Advisory Group on Nomenclature
- Immediate past Editor-in-Chief, *British Journal of Clinical Pharmacology*

For a full curriculum vitae, see www.clinpharm.ox.ac.uk/JKA

Professor John R Cockcroft

Professor Cockcroft is Professor of Cardiology at the Wales Heart Research Institute in Cardiff. He is also Special Professor of Cardiovascular Disease Prevention at the University of Nottingham and visiting Professor in the Graduate School of Biomedical Engineering, the University of New South Wales, Sydney, Australia. Most recently Professor Cockcroft is visiting Professor at Columbia Presbyterian Hospital New York.

His major research interests focus on endothelial function and arterial stiffness in health and disease. Recently he has become interested in the mechanisms of vascular calcification especially in patients with renal disease. He is currently researching the relationship between osteoporosis and vascular calcification. He has published over a 150 peer reviewed articles and has co-authored books on hypertension and coronary heart disease. He is a founding member of the Association for Research into Arterial Structure and Physiology (ARTERY) and is co-organiser of the Association's conferences. Currently he is the Secretary of The European Association of Clinical Pharmacology and Therapeutics (EACPT)

Professor Cockcroft's clinical interests focus on hypertension and cardiovascular disease prevention and he was a member of the committee which produced the Welsh National Service Framework for cardiovascular disease. He is especially interested in patient empowerment and promoting more informed involvement with their care and treatment, and has lectured widely to patient groups on hypertension and cardiovascular disease. Indeed, 4 years ago he established the first patient self referral clinic in the UK, which has proved extremely popular with patients interested in establishing their own cardiovascular risk and learning more about cardiovascular risk factors in general. He has also run mobile cardiac vascular risk factor screening clinics Wales wide and also in England. Currently he runs an open access metabolic syndrome clinic. He is currently advising the CDC in Washington on including measurements of arterial stiffness in the NHANES Study.

Professor Cockcroft is a member of the British, European, American and International societies of Hypertension the British Cardiac Society and also the European Association for the Study of Diabetes. Most recently, he has been relected Secretary of The European Association of Clinical Pharmacology and Therapeutics (EACPT). He is President of The Association for Research into Arterial Structure and Physiology (ARTERY) and is Editor in Chief of the associations journal Artery Research.

Professor Kelvin Chan BSc MSc PhD DSC FIBiol FCP FRPharmS FRSM
(e: prof.kchan@wlv.ac.uk; t: +447986080833; f:+ 448712565120)



Research Interests: Professor Chan has published over 480 academic articles included in 3 books, book chapters, conference presentations, monographs, peer-reviewed full papers and reviews in international journals on the following fields: - Biomedical & Pharmaceutical Analysis of Drugs and Ingredients in Medicinal Plants; Factors Affecting Variability in Clinical Pharmacology & Pharmacokinetics; Pharmacological & Toxicological Models for Activity Screening of Herbal Extracts; Interactions between Chinese Materia Medica (CMM) & Pharmaceuticals; Quality Control, Good Practices & Regulatory Issues of CMM; Clinical Studies of CMM Products Using Biomarker Monitoring and Quality of Life approaches; The Role of Complementary Medicine in Pharmaceutical Practice.

Brief Biography

1. Professor Chan currently holds Chair Professorship of Pharmacy and Pharmacology at the University of Wolverhampton, UK. He is Chartered Biologist (UK), Clinical Pharmacologist (UK and USA) and Registered Pharmacist (UK); a Fellow of the Royal Pharmaceutical Society of Great Britain, the Institute of Biology, UK, the Royal Society of Medicine, UK and the American College of Clinical Pharmacology.
2. He previously taught medical and pharmacy students in University of Liverpool and Liverpool John Moores University in UK; Chinese University of Hong Kong and Hong Kong Baptist University, Hong Kong; Ministry of Health, Abu Dhabi, United Arab Emirates;
3. He held Chair Professorship & Director of Pharmacy & Biomedical Sciences in the Liverpool John Moores University, Chair Professorship & Scientific Director of the Zayed Complex for Herbal Research & Traditional Medicine of the Ministry of Health in Abu Dhabi UAE and Director and Chair Professor of Biomedical Sciences at the Institute for the Advancement of Chinese Medicine at Baptist University in Hong Kong.
4. He received the British Pharmaceutical Science Award in 1983 and Distinguished Award of Leadership in Pharmacology (USA) in 1988 and was conferred Churchill Fellow of the Winston Churchill Memorial Trust in 1995.
5. His research expertise and experience in analytical, clinical and pharmacological aspects of Chinese Materia Medica is reflected in appointments of visiting professorships held at: JiNan University, China (2007 to present); Institute of Medicinal Plant Development, Beijing, China, (1998-present); Key Laboratory of Analytical Sciences, Qing Dao National First Marine Institute, Shan Dong Province, China (2005 to 2009); Key Laboratory of Analytical Sciences, Ministry of Education of China, Xiamen University, China (2003 to present); Institute of Pharmacognosy & Pharmacy, University of Vienna, Austria (2004-2005) and at School of Biological, Environmental, & Health Studies, Middlesex University, UK (1996-2000); at British College of Acupuncture, London, UK (1994-1997).
6. Currently Professor Chan holds advisory role of the following international organisations: International Advisory Board and Scientific Committee of the Hong Kong Chinese Materia Medica Standards (HKCMMS), Dept of Health, Hong Kong SAR, China (2003-present) The Biology & Medicine Panel, Research Grant Council, University Grant Council, Hong Kong SAR, China (2002-2008); Expert Advisory Group HCM: Herbal & Complimentary Medicines (MHRA, UK 2006-2010).

Postal address: Pharmacy Department, School of Applied Sciences, University of Wolverhampton, Wolverhampton WV1 1SB, West Midlands, United Kingdom

CURRICULUM VITAE

NAME: Gabrielle Margaret Hawksworth
NATIONALITY: British

EDUCATION

1965-1969 **Leeds University**
BSc (Hons) Biochemistry/Bacteriology
1969-1973 **Wright Fleming Institute, St Mary's Hospital Medical School, London W2 1PG**
Research Assistant with Professor R E O Williams
PhD Thesis entitled "Metabolic Activities of Intestinal Bacteria"

EMPLOYMENT

1995-Present ***Professor of Molecular Toxicology:*** Departments of Medicine & Therapeutics and Biomedical Sciences, University of Aberdeen
1992-1995 ***Reader:*** In Biomedical Sciences and Medicine & Therapeutics, University of Aberdeen
1979-1992 ***Senior Lecturer:*** In Pharmacology and Therapeutics and Clinical Pharmacology
1986 ***Visiting Scientist:*** 4 months at the Laboratory of Developmental Pharmacology, NIH, Bethesda, Maryland, USA
1976-1979 ***Lecturer:*** In Pharmacology and Therapeutics and Clinical Pharmacology
1974-1976 ***Research Fellow:*** Department of Pharmacology, Royal Postgraduate Medical School, London W12 0HS. *Mechanisms of paraquat toxicity*
1973-1974 Wellcome European Fellowship held at the Department of Pharmacology, University of Bergen, Norway. *GC-MS of metabolites of flavouring compounds of plant origin*
May-Oct 1973 ***Visiting Lecturer:*** Universidad del Valle, Cali, Colombia. *Collaborative research on a project involving nitrosamines and gastric cancer*

CURRENT RESEARCH INTERESTS

Regulation of human drug metabolising enzymes.
Molecular mechanisms of drug- and xenobiotic- induced hepatotoxicity and nephrotoxicity.
Author of over 120 peer-reviewed publications on xenobiotic metabolism and toxicity.

VOLUNTARY WORK

Member of Soroptimists International since 1992, Regional President of Scotland North 2003-2004

Dr Gerard Anthony McKay BSc MB FRCP (Glasg)
Consultant Physician and Honorary Senior Clinical Lecturer in Acute Medicine/Clinical Pharmacology and Therapeutics, University Medical Unit, Glasgow Royal Infirmary

Gerry McKay is a NHS appointed Consultant Physician in Acute Medicine and Clinical Pharmacology and Therapeutics. He was appointed in August 2007 having previously worked as a Consultant Physician with an interest in Diabetes in NHS Lanarkshire. Gerry trained in Clinical Pharmacology and Therapeutics and General Internal Medicine in Newcastle upon Tyne under consultants with specialist interests in Medicines Management, Hypertension, Stroke, Diabetes, Endocrinology and toxicology. Additionally, as an ABPI sponsored trainee Gerry undertook a one-year secondment to the Pharmaceutical Industry (Pfizer Central Research, Sandwich, Kent). During this time he had formal training and experience of all stages drug development from drug discovery through to regulatory submission.

Gerry was made a Fellow of the Royal College of Physicians and Surgeons Glasgow in November 2005 and given Honorary Senior Clinical Lecturer status by the University of Glasgow in December 2007.

His main clinical interests are in primary and secondary prevention of cardiovascular disease. He contributes to the diabetes services at Glasgow Royal Infirmary with a subspecialty interest in the management of patients with diabetic nephropathy. He also contributes to the activities of the department of acute medicine where he leads the clinical governance and audit program. Much of this activity, done to improve patient care, has the aim of ensuring good prescribing habits within the unit.

A major role of Gerry's job is to provide a lead for prescribing for undergraduates and postgraduate trainees. He is actively involved in the provision of teaching in therapeutics to undergraduate medical and pharmacy students, is a supervisor for nurse and pharmacists training to be supplementary prescribers and is on the editorial group for the junior doctors prescribing handbook.

Gerry trained under both the founding Chairman of the Scottish Medicines Consortium (Prof David Lawson) and the founding Chairman of NICE (Prof Sir Michael Rawlins) including a formal secondment to the latter. He currently serves on Greater Glasgow and Clyde Health Board's Area Drug and Therapeutics committee and has contributed to the development nationally of the Scottish Management of Antimicrobial Resistance Action Plan, part of which is ensuring the rational prescribing of antibiotics backed up by a robust educational programme for prescribers.

Christian de Mey

Assoc. Prof. Dr. Christian de Mey (born 1951 in Antwerp, Belgium) is an independent clinical pharmacology consultant who heads ACPS (*Applied Clinical Pharmacology Services*, Mainz-Kastel, Germany & Sofia, Bulgaria), a CRO-network that provides scientific services for early drug development.

Additionally, he is affiliated with the Dept. Clinical Pharmacology at the J. W. Goethe University in Frankfurt/Main, Germany.

Dr. de Mey is an accredited Internist (Antwerp, 1981) and Clinical Pharmacologist (Göttingen, 1990) also trained at the Department of Prof. Dr. Collin Dollery at the Royal Postgraduate Medical School, Hammersmith Hospital, London. Following his appointment as Medical Director at Squibb Benelux in 1982, he headed the SK&F Institute for Applied Clinical Pharmacology, Göttingen, Germany, between 1984 and 1990. From 1990 to 1994 he was Scientific Director at the Centre for Cardiovascular Pharmacology (ZeKaPha), Wiesbaden. He later became the Managing and Scientific Director of the IPHAR Institute for Clinical Pharmacology, Munich, Germany, until his current appointment in 1997.

Dr de Mey is the author of over 200 scientific publications, many of which relate to cardiovascular and urological clinical pharmacology and the validation of non-invasive methods for human clinical pharmacology.

CURRICULUM VITAE

Personal details:

Name: Farhad KAMALI

Work address: Wolfson Unit of Clinical Pharmacology
School of Clinical & Laboratory Sciences
Claremont Place, Newcastle University
Newcastle upon Tyne, NE2 4HH

Present position: Professor of Human & Experimental Pharmacology

Membership of learned societies:

- British Pharmacological Society (Clinical section)
- International Society for Thrombosis & Haemostasis
- Drug Information Association
- Association for Human Pharmacology in the Pharmaceutical Industry

Membership of University Research Groups:

Lead-Thrombosis & Anticoagulation Research Group- Institute of Ageing and Health
Pharmacogenetics
Drug & Chemical Toxicity

Awards:

Research Fellowship- Pharmacological Society (1985)
Fellowship; British Pharmacological Society (2005-)

Research activities:

My research on mechanisms of drug toxicity has made major contributions to basic understanding of the mechanism by which drugs cause adverse effects, and has resulted in direct clinical benefits. My research in the anticoagulation field aims to elucidate risks and benefits of anticoagulation and to achieve appropriate clinical strategies for prevention and treatment of thromboembolic disease using a whole system research approach. Studies range from investigations using an hepatic model through which the action of anticoagulants upon the vitamin K cycle, and mechanisms of drug interactions are explored in vitro, to determining the contribution of dietary status, genetic polymorphisms of drug metabolism and pharmacodynamics, contribution of health related quality of life issues to appropriateness of anticoagulation and the impact of patient education about therapy and patient self-management of anticoagulation control in reducing thromboembolism and bleeding.

Warfarin therapy, particularly during the initiation period, is associated with a high incidence of over anticoagulation with resultant bleeding, as the inability to take into account inter- and intra-individual variability in response to the drug makes accurate dose predication impossible. Over 50% of patients on chronic therapy with warfarin remain outside their target anticoagulation at any given time and are prone to either bleeding or thromboembolism consequent to either over-dosing or under-dosing respectively. My research on anticoagulation has made significant contributions to the existing knowledge of risk factors, including patient age, genotype and dietary status, associated with warfarin therapy, which could ultimately lead to safer prescribing of warfarin and reduction for acute patient hospitalisation. We have most recently developed algorithms for warfarin dose requirements, based on patient's genotype, age and body size. Prospective studies are underway to demonstrate whether more patient-specific dosing regimes would significantly improve the risk benefit ratio of warfarin treatment, with associated effects on quality of life, health service utilisation and costs. More recently my research group has evaluated the impact of a number of other genetic influences as well as patient's dietary vitamin K status on sensitivity to warfarin which has helped further our understanding of the multi-faceted nature by which warfarin exerts its action. Moreover, near patient monitoring and education on anticoagulation therapy has been shown to be particularly effective in stabilising anticoagulation control. Whilst the benefits of warfarin have been established, recognition of the increased risk of bleeding associated with its use, has led to a search for safer agents. Groundbreaking experimental work to assess safety of novel anticoagulants, and comparing their clinical effectiveness with warfarin is another aspect of my current research activity.

BIOGRAPHY

Dr. SIMON R. J. MAXWELL

BSc MB ChB MD PhD FRCP FRCPE FBPharmacols

Dr Maxwell qualified in Medicine with Honours in Birmingham in 1986. Having undertaken general medical training posts in the West Midlands he was appointed as Lecturer in Clinical Pharmacology & Therapeutics in the Department of Medicine at Birmingham University. As part of his specialty training he undertook research into the role of oxidative stress and antioxidant defence in cardiovascular disease culminating in the award of the degrees of PhD and MD. He was appointed as Senior Lecturer at Leicester University before taking up his present post as Senior Lecturer in Clinical Pharmacology at Edinburgh University in 1998. He continues to have an active research interest in the mechanisms leading to the development of cardiovascular disease including oxidative stress and hyperuricaemia. He is also conducting research into the measurement and treatment of high blood pressure. His research is underpinned by grants from the British Heart Foundation and Scottish Office. Dr Maxwell is also a committed educator and is Director of the teaching programme in clinical pharmacology and therapeutics at Edinburgh University. He has been active in developing eLearning strategies to support learning in this area for local undergraduates, is a co-editor of the continuous professional education programme for senior clinical pharmacologists in the UK, co-author of the core curriculum for clinical pharmacology in UK medical schools and a member of the EACPT Education Committee. In addition to his academic responsibilities Dr Maxwell is an active consultant physician supervising the care of patients admitted to hospital with acute medical diseases. He also sees outpatients referred because of difficulties with the management of cardiovascular risk factors such as high blood pressure and cholesterol levels. Among his other activities Dr Maxwell has recently been Clinical Sub-Dean at the Western General Hospital in Edinburgh, Chairman of the Lothian University Hospitals Drug & Therapeutics Committee, Chairman of the BMA Scottish Medical Academic Staff Committee, UK Manpower Director for Clinical Pharmacology & Therapeutics and Vice-President of the British Pharmacological Society. Dr Maxwell is a fellow of the Royal Colleges of Physicians in London and Edinburgh and of the British Pharmacological Society.

Dr Michael Schachter

**Senior lecturer in clinical pharmacology, Imperial College School of Medicine,
Honorary consultant physician, St Mary's Hospital, London**

Qualified in medicine at University College and University College Hospital London, where he also obtained a degree in biochemistry. After postgraduate general medical training did research on the clinical pharmacology of neurological drugs, especially in Parkinson's disease and narcolepsy. In the Department of Clinical Pharmacology in Oxford worked in cellular and biochemical aspects of pharmacology, relating to drugs acting on the central nervous system and also on the platelet. Subsequent work in the Clinical Pharmacology Department headed by Professor Peter Sever at St Mary's Hospital Medical School in London (now part of Imperial College School of Medicine) combined cellular and clinical pharmacological studies, predominantly in the cardiovascular system (hypertension and atherosclerosis), with vascular smooth muscle cell biology as a common theme. British Heart Foundation Senior Research Fellow from 1989 to 1994, and subsequently Senior lecturer in the department, as well as an honorary consultant physician at St Mary's Hospital. Also extensively involved in the Medical School where he is the head of the 3rd year, senior examiner and course organizer in clinical pharmacology, an organizer of the cardiovascular BSc programme and currently involved in revising the whole undergraduate curriculum. Has published extensively on the subjects mentioned, both original research and reviews. Author, contributor and editor of several books on cardiovascular pharmacology, general therapeutics, adverse effects of drugs and problems relating to prescribing errors. Editorial involvement in several journals as senior and executive editor.

William Stephen Waring qualified from the Queen's University of Belfast in Medicine, with a first class honours intercalated degree in Clinical Pharmacology and Therapeutics. After working as a Lecturer in Clinical Pharmacology for the University of Edinburgh, he was awarded a two-year Bristol-Myer Squibb cardiovascular fellowship in 2000. His PhD thesis was based on research into the links between insulin resistance syndromes, hypertension and cardiovascular risk.

He has worked as a Research Physician within the Pharmaceutical Industry and involved in the early development of new drugs. Dr Waring is actively involved in undergraduate and postgraduate medical teaching, and has obtained a formal teaching qualification from the University of Edinburgh. His current role is Consultant Physician and honorary Senior Lecturer in the Royal Infirmary of Edinburgh, which involves on-call duties for General Medicine, outpatient clinics in General Medicine and Hypertension, provision of a Clinical Toxicology service to the Royal Infirmary of Edinburgh, and participation in the UK National Poisons Information Service in the UK. His current research interests are novel methods for early detection of drug toxicity, and risk stratification tools to assist clinical management of poisoned patients.

**Professor David John Webb MB MD DSc FRCP FRCPE FMedSci
FRSE**

Christison Professor of Therapeutics and Clinical Pharmacology

Queen's Medical Research Institute, University of Edinburgh

David Webb is a physician and cardiovascular pharmacologist by training. He holds the Christison Chair of Therapeutics and Clinical Pharmacology of the University of Edinburgh and is a consultant physician and clinical toxicologist in NHS Lothian. He has Fellowships of the Royal College of Physicians, Edinburgh (1992), Faculty of Pharmaceutical Medicine (1993), Royal College of Physicians, London (1994), American Heart Association (1998), Academy of Medical Sciences (1999), European Society of Cardiology (2001), Royal Society of Edinburgh (2004) and British Pharmacological Society (2004).

His major clinical interests are in internal medicine, hypertension, and cardiovascular risk management. His research focuses on the pathophysiology of hypertension, particularly on endothelial function, focusing on the endothelin system. He has published over 500 peer-reviewed papers, on clinical pharmacology and cardiovascular disease, and 5 books on cardiovascular topics. In cardiovascular medicine, he ran Edinburgh's University Department of Medicine (1997-2001), Edinburgh's Wellcome Trust Cardiovascular Research Initiative (1998-2001) and Centre for Cardiovascular Science (2000-4). He also held a prestigious Wellcome Trust Research Leave Fellowship (1998-2001). He is currently Chair of the BHF Project Grants Committee and a member of the Editorial Board of the American Heart Association's official journal, *Hypertension*.

In recent years, David has made a number of contributions to UK clinical pharmacology, as Clinical Vice-President, British Pharmacological Society (BPS; 1996-8), Chair, Royal College of Physicians Committee on Clinical Pharmacology (1998-9), Chair, UK Committee of Heads & Professors of Clinical Pharmacology (RCP; 2004-) and member of the Council of the British Pharmacological Society (BPS; 2004-). The British Pharmacological Society awarded him the biennial SmithKline Beecham Prize and Silver Medal for distinction in research in 1994, and the Lilly Prize and Gold Medal for his contributions to clinical pharmacology in 2003.

In Scotland, his main national role is as Chairman of the Scottish Medicines Consortium (SMC; Scotland's equivalent of the National Institute for Clinical Excellence; NICE), having been chair of its NEW Drugs Committee (2001-4), and previously been involved in SMC's creation (1991-2001). He is also National Specialty Advisor in Clinical Pharmacology & Therapeutics to the Scottish Government (2001-). Internationally, he is the UK member of the European Association of Clinical Pharmacology and Therapeutics Executive Committee (EACPT; 2005-), UK Counsellor, Clinical Division of the International Union for Pharmacology (IUPHAR; 2004), IUPHAR Executive Committee member (2006-), and President of EACPT 2009.

Dr David Michael WOOD BSc (Hons), MB ChB (Hons), MRCP (UK), MD

Consultant Physician and Clinical Toxicologist

Guy's and St Thomas' Poisons Unit, Guy's and St Thomas' NHS Foundation Trust, London, UK

David Wood is a physician and clinical toxicologist by training, having trained at St George's, University of London. He currently is a Consultant in General (Internal) Medicine and Clinical Toxicology at Guy's and St Thomas' Poisons Unit / Guy's and St Thomas' NHS Foundation Trust in London, UK. During his training he spent a significant proportion of his time working at Guy's and St Thomas' Poisons Unit, including a one year out of training 'fellowship' year, and also spent a time working at the New York City Poisons Centre.

Whilst training in Clinical Pharmacology and Therapeutics, David made a significant contribution to the training of Clinical Pharmacology and Therapeutics trainees on a national basis. He was the Specialist Registrar (trainee) representative to the Clinical Section of the British Pharmacological Society and also the Joint Speciality Committee of the Royal College of Physicians and the BPS for over 3 years. During this time, in addition to attending numerous committee meetings on behalf of the trainees, he also established a national programme of 3-4 half day training sessions per year all Clinical Pharmacology and Therapeutics trainees, as well as liaising with other organisations, such as the National Institute for Clinical Excellence, to organise training more dedicated training days.

His major areas of clinical interest, apart from the assessment and management of patients with acute or chronic poisoning, are toxicity related to heavy metals and use of recreational drugs. In particular he has been working alongside Dr Dargan at Guy's and St Thomas' Poisons Unit investigating and managing patients with chronic heavy metal toxicity related to the ingestion of traditional / Chinese / Ayurvedic medicines. He also has been working with Dr Dargan and key stakeholders in the local community and wider London arena to collect epidemiological data on club-based use of recreational drugs and to develop strategies to improve the pre-hospital care of clubbers who become unwell following use of recreational drugs. Along with the Analytical Unit at St George's, University of London, he has been investigating the emergence of 'novel recreational drugs' and / or misuse of established pharmaceutical agents as recreational drugs. As part of his work related to recreational drugs, he has acted as scientific advisor to the Advisory Council on the Misuse of Drugs (ACMD) in the UK and the European Monitoring Centre for Drugs and Drug Abuse (EMCDDA) in Lisbon, Portugal. He has written over 35 peer reviewed publications, of which the majority are related to Clinical Toxicology.

Luka Bielen, MD

Scientific novice/assistant
Department of Internal medicine,
Clinical Pharmacology Unit
University Hospital Rebro
Kišpatićeva 12, 10000 Zagreb
Croatia

CURRICULUM VITAE

Education

1988-1996 Elementary School "Josip Račić", Zagreb
1996-2000 XI Gymnasium, Zagreb
1990-1996 Elementary Music School "Rudolf Matz", Zagreb
1996-2000 High Music School "Pavao Markovac", Zagreb
2000-2007 Medical Faculty, University of Zagreb (graduated April 26th 2007)
2007 enrolled Postgraduate Study "Biomedicine and Health" at Medical Faculty,
University of Zagreb

Working Experience

2001-2003 Student demonstrator at Department of Biology, Medical Faculty, University of Zagreb
2002-2003 Student demonstrator at Department for Medical physiology, Medical School University of Zagreb
2003 Students' Representative for Education
2007-2008 Internship at Clinical Hospital Center Zagreb
2007 Scientific Novice/Assistant at Department of Internal medicine, Medical Faculty, University of Zagreb (Scientific Project "Modification of antibiotic therapy and pathogenic microorganisms' resistance")

Research Experience and Congress Attendances

2002 "29th European Symposium on Calcified Tissues"
2003 "3rd International Conference on Curriculum Reform of Medical Faculties in Southeastern Europe"
2006 Polymorphisms of cytochrome P450 (CYP) 2C9 and 2C19 genes in Croatian children with epilepsy (2nd best study at 7th Croatian Symposium of Epilepsy with international participation, Pula, Croatia)
2006 Participating in the Program "Improvement of HIV surveillance in Croatia" at Croatian National Institute of Public Health

Awards and Scholarships

2000-2002 Scholarship of Ministry of Science, Education and Sports
2002-2006 Scholarship of City of Zagreb
2006 "Top Stipendium for Top Students"

Luka Bielen, MD

Curriculum Vitae

Name Ines Baotić
Title M.D., Clinical Pharmacology Specialist
Date of birth December 9, 1970
Nationality Croatian
Address Vuk Vrhovac University Clinic, Dugi dol 4a, 10000 Zagreb, Croatia
Communication Phone +385 1 23 53 964;
Fax +385 1 23 31 405;
Mobile +385 99 23 53 964
e-mail ines.baotic@idb.hr

Education (university, faculty, degree):

Medical Faculty University of Zagreb (1990-1996)

Postgraduate, junior rotating internship, Clinical Hospital Centre, Zagreb (1996-1998)

Residence in Clinical Pharmacology, Diabetology and Metabolic Diseases, Vuk Vrhovac University Clinic (1998-2000)

Specialization in Clinical Pharmacology Vuk Vrhovac University Clinic, Medical Faculty University of Zagreb (2001-2005)

Postgraduate Education in Clinical Pharmacology, Medical Faculty University of Zagreb (2002-2003)

Postgraduate Education in Immunobiology, Faculty of Science and Maths, University of Zagreb, Croatia (ongoing)

Previous employment:

Internship - Clinical Hospital Centre, Zagreb (1996-1998)

Clinical Pharmacology Department Physician, Vuk Vrhovac University Clinic (1998-2005)

Head of Clinical Trials Department, Vuk Vrhovac University Clinic (2005-2006)

Present position:

Head of Clinical Pharmacology Department, Vuk Vrhovac University Clinic (2006-)

Current tasks:

1. Clinical Team Leader

2. Investigator and Medical Manager:

- National Coordinator for Phase III clinical trial: FAME-ROSI CLF23-0121 05 01 (SolvayPharm./ study drug: fixed combination of fenofibrate and metformin).
- Principal Investigator of the Phase III clinical trials: H7U-MC-IDA and H7U-MC-IDAS (Eli Lilly/ study drug: inhaled insulin), and FAME-ROSI CLF23-0121 05 01 (SolvayPharm./ study drug: fixed combination of fenofibrate and metformin).
- Preparation, managing and conduct (co-investigator or investigator-coordinator) Phase II-IV clinical trials at Vuk Vrhovac University Clinic: NN 2211-1572: LEAD-2 (Novo Nordisk/ study drug: liraglutide), NN 1998-1682: iINHALE-3 (Novo Nordisk/ study drug: inhaled insulin), BM18248 and NC19794 (F.Hoffman la Roche Ltd./ study drug: RO4389620), EFC 10139 (Sanofi Aventis/ study drug: rimonabant), DIRECT (Asta Zeneca-Takeda/ study drug: candesartan cilexetil), COMBO STUDY (MSD/ study drug: MK-0431), RECORD (GlaxoSmithKline R&D Ltd./study drug: rosiglitazone) and several other clinical trials.

3. Consultant: to medical staff, nurses, pharmacy and patients

4. Communications with Croatian Ministry of Health, Central Ethic Committee, National Drug Agency and pharmaceutical industry representatives.

5. Giving recommendations and writing papers for drugs under consideration for inclusion in the Croatian formulary list (pharmacokinetics, pharmacodynamics, clinical trials data and cost-effectiveness).

Head of Drug and Therapeutics Committee (DTC) at Vuk Vrhovac University Clinic (2007-)

Current tasks:

1. Involved as a chairperson and a member in all functions of DTC:

- Development of standard treatment guidelines,
- assessing medicine use,
- assessing safety of medicines/managing adverse drug reactions (including SUSARs for all clinical trials that are performed at Vuk Vrhovac University Clinic),
- antimicrobial resistance surveillance, etc.

Special fields of study and degrees, diplomas etc.:

1996- Doctor of Medicine, Medical Faculty University of Zagreb

1998- State Board Examination: Ministry of Health, Zagreb, Croatia

2005- Certificate in Clinical Pharmacology: Ministry of Health, Zagreb, Croatia

2006- Certificate in GCP: Brookwood International Academy of Healthcare Research

Special fields of interest:

Drug research, immunobiology in diabetes

Memberships:

Association of Clinical Research Professionals (ACRP), Academy of Pharmaceutical Physicians and Investigators (APPI), Professional Association of Croatian Clinical Pharmacologists ("Hrvatsko društvo za kliničku farmakologiju i terapiju"-HDKFiT), Professional Association of Croatian Diabetologists. Working group for reorganization of specialization in clinical pharmacology and toxicology (Project of Medical Faculty University of Zagreb 2007)

Igor Francetić, MD, PhD

Professor of Internal medicine
Department of Medicine,
Clinical Pharmacology Unit
University Hospital Rebro
Kišpatićeva 12, 10000 Zagreb
Croatia

CURRICULUM VITAE

1971	Graduated at Medical School University of Zagreb, Croatia
1972-1973	Internship at Clinical Hospital Centre (CHC) Zagreb
1973-1974	Department of Nuclear Medicine, CHC Zagreb
1974-1979	Resident in Clinical Pharmacology, Section of Clinical Pharmacology, Department of Medicine, CHC Zagreb
1976	ECFMG
1978	Fellow in Clinical pharmacology at the Department of Pharmacology and Toxicology, University of Rochester, N.Y.; Fellowship sponsored by Merck Company Foundation; Mentor: Professor Louis Lasagna
1979	Board exam in Clinical pharmacology
1982	Board exam in Internal medicine
1982	Master of science degree in Clinical pharmacology after attending two years of postgraduate course in clinical pharmacology at Medical school University of Zagreb
1989	PhD thesis: Deconvolution method in drug bioequivalence
1994	Postgraduate course in Clinical pharmacology, drug development and regulation, 21-24 February 1994, Boston, USA

Teaching experience

1976-2005	Lecturer at the Postgraduate study in clinical pharmacology , Medical school of Zagreb
1985-2005	Teaching 3 rd and 4 th year medical students during the course in internal medicine
1989-1994	Associate professor of internal medicine teaching 6 th year students during the elective courses
1994-2001	Professor of internal medicine

Research experience 1976 - 2007

Performing phase I, II and III clinical studies at the Clinical pharmacology unit, Dept. of medicine, CHC Zagreb
Bioavailability studies of generic products
Pharmacokinetic studies in patients with oedema
Research in antimicrobial prescribing and resistance in hospital setting

Other activities

1984	Professor of internal medicine
1987	Acting chairman of National drug selection committee
1992-1996	Head of Subcommittee for doping control, Croatian Olympic Committee
1997-2005	Member of European scientific advisory committee, European congress of clinical microbiology and infectious diseases

1997 Member of European scientific advisory committee, European congress of clinical microbiology and infectious diseases

1999 Member of Editorial Advisory Board *Current Therapeutic Research*

2000-2004 Chairman of National drug selection Committee, Ministry of Health

1999-2004 Delegate to the Council of European association of clinical pharmacology and therapeutics

1999-2006 Member of the Executive Committee of the European association of clinical pharmacology and therapy

2001 Chairman of the Editorial Board of JAMA Croatian edition

2002 Head, Division of Clinical Pharmacology, Department of Medicine, CHC Zagreb

Prof.dr. Igor Francetić

Dr Robert Likic, Internist
Department of Internal Medicine
Unit of Clinical Pharmacology
University of Zagreb School of Medicine
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CURRICULUM VITAE

2001 Graduated with honors from the University of Zagreb Medical School
2001 Participation at the Harvard Medical International's teaching capacity seminar
2001-2002 Internship at the University Hospital Rebro
2003-2005 Postgraduate PhD programme at the University of Zagreb Medical School
2002-2006 Resident in Internal Medicine, Department of Medicine, University Hospital Rebro
2005 American Austrian Foundation Seminar in Cardiology
2006 American Austrian Foundation Seminar in Internal Medicine
2006 CPE University of Cambridge
2007 Board exam in Internal medicine
2007 Course in Basic statistics – Vienna School of Clinical Research

Teaching experience

1997-2000 Demonstrator in Anatomy and Pathophysiology at the University of Zagreb Medical School
2002- Teaching 3rd and 4th year medical students during the course in Internal medicine
2002- Tutoring 6th year students during the course on rational pharmacotherapy
2005 Mentoring foreign students on exchange at the University of Zagreb Medical School

Research experience 2002 - 2007

Research in curricular design and the effects of problem based learning (PBL) application on students' knowledge about drug prescribing and their satisfaction with the provided teaching
Research in antimicrobial prescribing and resistance in hospital setting
Development, transfer and deployment of integrated voice over internet protocol (VOiP) based communication solutions in the setting of Zagreb Medical School

Awards/Grants

1999 Dean's award for the best student
1999-2001 Scholarship of the city of Zagreb for the best student of medicine (total amount: 7200 £)
2007 International Networking for Young Scientist grant (total amount 10000 £)

Memberships

2005- Member of the American Austrian Foundation, Croatian Resuscitation Council and Croatian Society for Clinical Pharmacology and Therapeutics
2007- Representative for the Republic of Croatia at the European Association for Clinical Pharmacology and Therapeutics' Subcommittee for Education

Interests

Reading, Cryptography, Digital Video Broadcasting, CGI, Flash/Swish animation, Corel Draw, Photoshop, handhelds, Linux, Macroeconomics.

KSENIJA MAKAR-AUŠPERGER, M.D.

Department of Medicine

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Curriculum Vitae

- 1958 Born in Zagreb, 10 December, nationality Croatian
- 1972-1976 Secondary school in Zagreb
- 1976 Graduation at secondary (grammar) school in Zagreb
- 1986 Degree – Medical School University of Zagreb (Doctor of general medicine)
- 1987 Obligatory internship (one year)
- 1987 Professional final exam
- 1987-1995 Practicing doctor in primary health care (Health Centre Črnomerec, Zagreb)
- 1995 - Working in the University Clinical Hospital Centre, Zagreb Division of clinical pharmacology, dept. of Medicine, Hospital Drug bulletin and Hospital Drug Committee
- 1997 Member and secretary of the Editorial board of the journal Pharmaca (official Journal of the Croatian society of clinical pharmacology and therapy, devoted to drugs and rational pharmacotherapy)
- 1997-1999 Attended and passed all exams of the Postgraduate course in clinical pharmacology (part of specialisation in Clinical pharmacology)
- 1999-2006 Member of the Executive committee of the International Society of Drug Bulletins (ISDB)
- 1999 Member of editorial board of Croatian Drug Formulary, MedEkon, Zagreb 2000 (3rd edition)
- 2000 - Beginning of the formal specialisation in clinical pharmacology and toxicology at the Section of Clinical Pharmacology, Department of Medicine, University Clinical Hospital Centre Rebro, Zagreb (prof. Vrhovac). Co-investigator in a number of drug trials of phase I, II, III and bioequivalence studies at the division of Clinical Pharmacology
-analyzing ADR reports in the at that time National ADR monitoring centre, writing feedback letters to reporters
-having lectures at the undergraduate and postgraduate level on rational drug use including ADR
- 2000 Secretary of CRO DURG (Croatian Drug Utilization Research Group)
- january, 2001 Attended the Basic course in clinical pharmacology at Vienna School of Clinical Research and passed the exam at the end of it
- november, 2001 Attended the course Scientific aspects of clinical trials in cardiovascular diseases at Vienna School of clinical research and passed the exam at the end of it
- 2002 Member and secretary of the Hospital Drug Committee
- 2003,2007 Co-author and member of the editorial board of the Croatian drug Formulary (4th and 5th edition)
- january, 2004 Board exam in Clinical pharmacology

2004	Editor-in-chief of the Hospital Drug Bulletin of the Clinical hospital centre and Clinical hospital „Merkur“ Zagreb, official journal of Hospital drug Committees
2003,2007	Co-author of Textbook of Internal Medicine (3th and 4th edition)
2007	Co-author in Textbook of Clinical Pharmacology (1st edition)

Membership in Professional Societies:

- Croatian society of clinical pharmacology and therapy
- European Association of clinical pharmacology and therapy
- European society of parenteral and enteral nutrition

CURRICULUM VITAE

Name : **Suzana Mimica Matanović**, M.D.

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Date and place of birth: June 24th, 1970., Osijek, Croatia

Education:

1989.-1996. Medical School University of Zagreb
1998. State exam
1999. Postgraduate study in Clinical Pharmacology,
Medical School University of Zagreb
1999.-2004. Residency in Clinical Pharmacology
2004. Board exam in Clinical Pharmacology
from 2003. PhD student, School of Medicine Osijek

Working experience:

1996.-1998. Internship, Clinical hospital Osijek
1998. A physician at the Emergency Department
from 1999. Assistant at the Department of Pharmacology
Medical School University of Osijek
from 2004. Specialist in Clinical Pharmacology, Clinical hospital Osijek

Postgraduate education:

Vienna, January 2001.	Vienna School of Clinical Research «Introduction to Clinical Trials»
Vienna, September 2005.	Vienna School of Clinical Research «Publication workshop»
Vienna, April 2006.	Vienna School of Clinical Reaeach «Systematic Reviews to support Evidence Based Medicine»
Budapest, September 2003.	EACPT - European School of Clinical Pharmacology
Nice, 30.03.-01.04.2006.	Postgraduate education course «Monitoring, auditing and improving of antimicrobial prescribing» (organized by ESCMID)

Teaching experience

1999-2008 Teaching 3rd year medical students during the course in Pharmacology
Teaching 2nd year students at School for Nurses during the course in
from 2005 Pharmacology

Danica Juričić, MD

Resident

Clinical Pharmacology Unit

Department of Internal Medicine,

Clinical Hospital Centre Zagreb

Kišpatićeva 12, 10000 Zagreb

Croatia

CURRICULUM VITAE**Education**

- 2007- present Resident in Clinical Pharmacology, Clinical Pharmacology Unit,
Department of Internal Medicine, Clinical Hospital Centre Zagreb
- 2006-present PhD Programme, University of Zagreb, Medical School, Zagreb, Croatia
- 2007 Certified Advanced Life Support Provider (ALS-P)
- 2005 Graduated at Medical School, University of Zagreb, Croatia

Work experience

- 2007 University Clinic for diabetes 'Vuk Vrhovac', Zagreb
- 2005-2006 Internship at the Clinical Hospital Centre Zagreb
- 2004 Medical Intern (Student Exchange), Hospital "Jeanne de Flandre", Lille,
France

Teaching and research experience

- 2006 Researcher, "Quantitative Trait Loci Identification in Isolate Populations"
Project, Public Health Sciences, University of Edinburgh
- 2005-present Lecturer, Medical subjects, Open University Zagreb

Conferences and papers

- 2007 Warfarin induced skin necrosis, author and presenter; International Conference
of Medical Sciences in Krakow, Poland
- 2006 The possibility of open source electronic health care applications in Croatia,
author and presenter; Zagreb International Medical Summit, Zagreb, Croatia
- 2006 Consulting a clinical pharmacologist, author and presenter; International
Conference of Medical Sciences in Sofija, Bulgaria
- 2006 Zgaga L, Navarro P, Hayward C, **Juricic D** et al. Applicability of
commercially available dense genome-wide scans for genetic association
studies. Eur J Hum Genet. 2007 April. Vol 15 Supplement 1. 293

Personal information

Name: Petra Simic
Address: Salata 11, 10000 Zagreb, Croatia
Telephone: +38514566812
E-mail: psimic@mef.hr
Position title: Assistant Professor

Education

2001- MD degree, School of Medicine, University of Zagreb (UNIZG)
2004- PhD degree, UNIZG

Positions and Employment

2001-2007 Research fellow in Laboratory of Mineralized Tissues, UNIZG
2001- Teaching Anatomy and Clinical Anatomy, UNIZG
2003- Teaching Clinical Pharmacology, UNIZG
2004- Residency in Clinical Pharmacology, Department of Medicine, University
Clinical Hospital Rebro, Zagreb
2005- Teaching PhD Program on Bone Morphogenetic Proteins from Laboratory to
Clinical Practice and PhD Program on Stem Cells, UNIZG
2007- Head of PhD Program on Molecular Biology of Mineralized Tissues, UNIZG
2007- Assistant Professor in Clinical Anatomy, UNIZG

Honours

1998 UNIZG award for the best student research project
2005 American Society for Bone and Mineral Research young investigator award
2005 European Calcified Tissue Society young scientist award

Principal scientific activities

Projects:

1998-2002 Bone morphogenetic protein-7 in acute and chronic renal failure
2002-2007 Mechanisms of metabolic bone diseases

Scientific collaborations:

Prof. G.R. Mundy, Centre for Bone Biology, Vanderbilt University, Nashville, USA
Dr. A.I. Idris, Molecular Medicine Centre, University of Edinburgh, UK

Selected peer-reviewed publications

1. Simic P, Vukicevic S. Bone morphogenetic proteins: from developmental signals to tissue regeneration. *EMBO reports* 2007; 8: 327-321
2. Sampath TK, Simic P et al. Thyroid stimulating hormone (TSH) restores bone volume, microarchitecture and strength in aged ovariectomized rats. *J Bone Miner Res* 2007; 22: 849-59
3. Simic P et al. Systemically administered bone morphogenetic protein-6 restores bone in aged ovariectomized rats by increasing bone formation and suppressing bone resorption. *J Biol Chem* 2006; 281: 25509-25521
4. Vukicevic S, Simic P et al. Role of EP2 and EP4 receptor-selective agonists of prostaglandin E-2 in acute and chronic kidney failure. *Kidney Int* 2006; 70: 1099-1106
5. Simic P, Vukicevic S. Bone morphogenetic proteins in development and homeostasis of kidney. *Cytokine Growth F R* 2005; 16: 299-308

Patents

- 2005 Oral formulations comprising bone morphogenetic proteins for treating metabolic bone diseases (PCT US0514419), Vukicevic S, Simic P, Oppermann H, inventors
- 2005 Insulin-independent, bone morphogenetic protein (BMP)-mediated uptake of blood glucose by peripheral cells and tissues, (PCT 120553A2), Vukicevic S, Simic P, inventors

Other competencies

Conference organization:

- 2002 29th European Symposium on Calcified Tissues, Zagreb, Croatia, May, 2002, Organizing Committee
- 2006 6th International Conference on Bone Morphogenetic Proteins, Cavtat, Croatia, October, 2006, Scientific Committee
- Foreign languages: English (Certificate of Proficiency in English, British Council), German, Italian and Russian

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Dec. 27th, 2007

CURRICULUM VITAE

Personal information:

Date of birth: June 1st 1963
Place of birth: Zagreb, Croatia
Nationality: Croatian
Marital status: married; 2 children

Education:

- Centre for Services, Huddinge,
- 2003-2004 postdoctoral fellow at the Division of Clinical Pharmacology, Department of Laboratory Medicine, WHO Collaboration Drug Utilization Research and Clinical Pharmacological Karolinska Institute, Karolinska University Hospital-Stockholm, Sweden
 - 2001 course in Health Economics in Decision Making (The London School of Economics and Political Science and WHO Collaborating Centre European Health Policy, Zagreb)
 - 2000 course in Health Evaluation and Decision Making in Health Care Systems across Europe, Berlin (AstraZeneca)
 - 1997 course in ATC/DDD Methodology, WHO Collaborating Centre for Drug Statistics Methodology Oslo, Norway
 - 1993/94 postgraduate studies in Clinical Pharmacology, University of Zagreb Medical School, Zagreb, Croatia
 - 1992-1996 specialization in Clinical Pharmacology, University Hospital Zagreb and University of Zagreb Medical School, University Hospital Rijeka and University of Rijeka Medical School, Croatia
 - 1986-1988 postgraduate studies in Clinical Pathophysiology, University of Rijeka Medical School, Rijeka, Croatia
 - 1986 MD degree, University of Rijeka Medical School, Croatia

Work experience:

- 2000- Department of Clinical Pharmacology, University Hospital Rijeka, Croatia (2000-2005 head)
- 1993-2000 Resident and specialist in Clinical Pharmacology, Unit for Clinical Pharmacology, University Hospital Rijeka, Croatia
- 1992- Department of Pharmacology, University of Rijeka Medical School (Assistant professor since 2006)
- 1988-1991 Emergency Medical Department, Rijeka, Croatia
- 1987-1988 Internship, University Hospital Rijeka, Croatia

Academic Degrees:

- 1999 doctor's degree
- 1996 master's degree

Professional and scientific activities:

- teaching course «Pharmacology for Nurses», University of Rijeka Medical School, Croatia
- lecturer in several teaching undergraduate and postgraduate courses in pharmacology and clinical pharmacology at the University of Rijeka Medical School, Croatia and University of Zagreb Medical School, Croatia

- scientific project in pharmacoepidemiology funded by the Croatian Ministry of Science, Education and Sports (2002-2006)
- author of many published scientific papers, mostly in pharmacoepidemiology
- invited speaker at many local and international conferences
- President of the Hospital Drug Committee (since 2000)
- Editor-in-chief of the Hospital Drug Bulletin(1997-2001)
- Editor-in-chief of the journal Medicina, The Journal of Croatian Medical Association-Rijeka Branch (2002-2006)
- member of the working group of the Croatian Ministry of Health for the reform of the pharmaceutical sector (2000-2001)
- member of the Croatian Health Insurance Drug Committee (2000-2002)
- member of the Croatian Ministry of Health Drug Committee (2003-2004)
- President of the Croatian Drug Utilization Research Group (Croatian Medical Association) (since 2001)
- member of the Executive Committee of the EuroDURG (European Drug Utilization Research Group) since 2002
- member of the Committee for Antibiotic Resistance Surveillance in Croatia Croatian Academy of Medical Sciences, Public Health

Languages:

- English, Italian

Biography

Viktorija Erdeljić, M.D.
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Viktorija Erdeljić finished her medical training in 1999. During her studies and after graduating from Medical School in Zagreb, she actively participated in research programs conducted in cooperation with United Nations High Committee for Refugees (Health Surveillance Program), United Nations Children's Fund (Nutrition and Health Status Improvement in War Affected Areas) and World Health Organization (Development of Information and Rehabilitation System for Crisis Situations; Land Mines: Protection, Epidemiology, Financial Analysis and Raising Awareness). After graduation she worked for 3 years for a Contract Research Organization (Clinres, Slovenia) where her work involved statistical data analysis and international cooperation in clinical research. From 2002 she has been working at the University Hospital Zagreb, first as a resident (2002-2006) and later on as a clinical pharmacologist. She participates in training of medical students teaching the 3rd and 4th year medical students during their course in internal medicine and tutoring their 6th year students during the course on rational pharmacotherapy, additionally she is included in postgraduate training for dermatologists and general practitioner on rational pharmacotherapy. Her major interests in clinical pharmacology include: pharmacoepidemiology, biostatistics, drug allergy, drugs in pregnancy and lactation, clinical research-studies phase I-II, bacterial resistance and antimicrobial prescribing. In cooperation with clinical microbiologists, she is currently working on her PhD on clinical and molecular epidemiology of ESBL (extended spectrum beta-lactamases) gram negative bacterial infections in ICUs in relation to antimicrobial prescribing. She is strongly clinically oriented, working with outpatients referred to clinical pharmacologists for various problems related to pharmacotherapy, as well as with inpatients hospitalized at the Division of Clinical Pharmacology, and is the only clinical pharmacologist doing shifts in the emergency department where she works as a physician and consultant in pharmacotherapy. From 2006 she is an instructor in Advanced Life Support of the Croatian Resuscitation Council. She is also a consultant supervising antimicrobial prescribing at the University Hospital Zagreb. Dr. Erdeljić is a member of the European Society of Clinical Microbiology and Infectious Diseases, European Association for Clinical Pharmacology and Therapeutics and the treasurer of the Croatian Society for Clinical pharmacology and Therapeutics. Her other interests and hobbies are reading, hiking, mountain climbing, orienteering, ski touring, rafting. She is a trainee of the Croatian Mountain Guides Association.

CURRICULUM VITAE
BOJAN JELAKOVIĆ M.D. Ph.D.

Education and specialisation:

1981-1987 School of Medicine, University of Zagreb
1987-1989 postgraduate study in allergology and clinical immunology, Zagreb University School of Medicine
1988 postgraduate course Abdominal ultrasound
1996 specialist exam in internal medicine, Zagreb University Hospital Center
1993 Master degree – Clinical medicine, internal medicine, nephrology and immunology, University of Zagreb
1994 fellowship by the Austrian Ministry of Science, AKH Vienna-Division of Nephrology
1995 Summer School of European Hypertension Society, El Escorial, Spain
1996 Cornell Seminars in Cardiology and Internal Medicine, Salzburg, Austria
1998-2000 subspecialty studies in nephrology
1999 Ph.D. – Clinical medicine, internal medicine, nephrology and immunology
2001 subspecialist exam in nephrology
2007 Advanced course in Hypertension ESH, Sestriere, Italy

Employment and duties:

-Physician, Division of Nephrology and Arterial Hypertension, Zagreb University Hospital Center
-Assist. Professor of Medicine, Department of Internal Medicine, Zagreb University School of Medicine
-Vice President of Croatian Society of Hypertension
-Secretary of Prof.dr. Milovan Radonić Society for Nephrology Development
-Member of Croatian Ministry of Health's committee for planning algorithm for evaluation of hypertensive patients
- National Programme for Salt Awareness – one of the chairs
-Principal investigator in scientific project Epidemiology of Hypertension in Croatia (EH-UH2000)
-Principal investigator in scientific project Endemic nephropathy-epidemiology and etiology
-Co-PI in International Project (FIRCA) Etiology of Balkan Endemic Nephropathy (collaboration with SUNY an Stony Brook)
-Collaborator on other projects
-Principal investigator on several drug investigations (losartan, drotaverin...)
-Physician, rowing club Croatia

Membership

Croatian Society for Hypertension, Croatian Society of Nephrology, Dialysis and Transplantation, Society for Nephrology Development, Croatian Cardiology Society, Croatian Society for Natural Sciences, International Society of Nephrology, European Dialysis and Transplantation Association-European Renal Association, American Heart Association Council for High Blood Pressure Research, Deutsche Gesellschaft fuer Nephrologie