About the Contributors

Athina Lazakidou currently works at the University of Peloponnese, Department of Nursing in Greece as Lecturer in Health Informatics. She worked as a Visiting Lecturer at the Department of Computer Science at the University of Cyprus (2000-2002) and at the Department of Nursing at the University of Athens (2002-2007). She did her undergraduate studies at the Athens University of Economics and Business (Greece) and received her BSc in Computer Science in 1996. In 2000, she received her Ph.D. in Medical Informatics from the Department of Medical Informatics, University Hospital Benjamin Franklin at the Free University of Berlin, Germany. She is also an internationally known expert in the field of computer applications in health care and biomedicine, with six books and numerous papers to her credit. She was also Editor of the “Handbook of Research on Informatics in Healthcare and Biomedicine” and “Handbook of Research on Distributed Medical Informatics and E-Health,” the best authoritative reference sources for information on the newest trends and breakthroughs in computer applications applied to health care and biomedicine. Her research interests include health informatics, e-Learning in medicine, software engineering, graphical user interfaces, (bio)medical databases, clinical decision support systems, hospital and clinical information systems, electronic medical record systems, telematics, and other web-based applications in health care and biomedicine.

Andriani Daskalaki is a Dentist and Bioinformatician. She presently works in the field of molecular medicine and bioinformatics at the Max Planck Institute for Molecular Genetics in Berlin. She completed her PhD in 2002 on the applications of photodynamic therapy in the area of oral medicine from the Free University of Berlin. She received a two-year DAAD scholarship for her research in the field of PDT. Dr. Daskalaki received a MS in Medical Informatics from TFH Berlin with her work in “Development of a Documentation Software for Robot-Assisted Intraoral Operations” and a MS degree in bioinformatics with her work in “Variance Analysis of Multifactor Models in Gene Expression Experiments with Application to the Identification of Genetic Markers for Hypertension.” She received a poster prize for her participation in the International Photodynamic Association Meeting in Nantes. She is the editor of the “Handbook of Research on Systems Biology Applications in Medicine” and has presented many oral presentations at national and international meetings. She is a founding member and committee member of the Greek Dental Laser Association. Her research interest areas include systems biology, PDT, and laser applications in dentistry.

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**About the Contributors**

**Maria Adamaki** is a Molecular Biologist currently occupied at the oncology lab of Aghia Sofia Children’s Hospital. She possesses a BSc (Hons) in Molecular Biology, an MSc in Molecular Medicine, and has scientific research experience in inherited blood disorders and in children’s leukemias. Her current work is focused on investigating the expression and analysis of certain genes in childhood leukemias.

**Kleopatra Alamantariotou** is an external Researcher at the University of Peloponnese Greece and UK in informatics research and has done many collaborations in book chapters’ publication. Kleopatra Alamantariotou is currently undergoing PhD studies in innovation science, and she is chairing European cooperation research project (COST IS0907) as a knowledge transfer professional. and other various collaboration in innovation management in EUROPE and worldwide. During 2010-2011, she has been working in quality and improvement department in collaboration with university hospitals in Greece, and European Department of Health. She has worked as a health policy and guidelines producer in American Hospital Dubai UAE the period 2008-2009. Also she worked in United Kingdom, as a midwife and researcher in strategic management in IT IM in Chelsea Westminster Hospital London for 2.5 years (2005-2007). In 2007, she received her MSc in midwifery from the department of Health Science, Middlesex University London, and in 2008 she received her second master Msc. in Health Informatics from City University, London England. Kleopatra Alamantariotou obtained her degree in Midwifery (Bsc) from Technological University of Athens in 2004. She wrote book chapters on quality of health information on internet, in places such as Handbook of Research on Distributed Medical Informatics and E-health. She has memembership in the Higher Education Academy in United Kingdom and global forum of health in World Health Organization and Knowledge transfer. Her research interests include health informatics, e-learning, virtual communities, innovation science and entrepreneurship, innovation in health social innovation technology knowledge transfer, midwifery, and global health.

**Alberto F. Alcolea-Ayala** received the B.S. degrees in Computer Science from the University of Murcia (UMU), Murcia, Spain, in 2010 and currently doing an Msc Degree in Networks and Telematics. He is with the Department of Information and Communication Engineering, UMU, since 2009, where he works on several projects related with the RFID applications in healthcare. He is also working on a security research project from the European 7th Framework Program on the Ceuti City Council Hall.

**Mona Alsaedy** received B.S.C (Honours degree) in Pharmacy from Kingston University and St George’s University of London (SGUL), London, UK, 2010. Currently undertaking Undergraduate Master in Pharmacy in Kingston University, London, UK, 2010-2011. The Master project involves modification of natural polymer for pharmaceutical nanoparticle drug delivery through the Central Nervous System. Since 2009, she has been cooperating with the Department of Information and Communication Engineering, University of Murcia, Spain, in developing a pharmaceutical information system to detect advanced drug allergies, interactions, and drug related complications.

**Kristine Al Zoukra** was born on the 8th of July in 1981 in Schwedt/O., Germany. She received her Diploma in 2006 in Biomathematics at the University of Greifswald, where she also was undertaking research from 2006 to 2010 towards a PhD. Her research interest lie in several fields of numerical mathematics including high dimensional optimization problems arising in ordinary differential equations in physiology. She is currently working as scientific research assistant in the angiology group at Free University Berlin.
Maria Athanasopoulou is a Registered Nurse of the University of Athens. She has been practicing nursing since 1995 in public hospitals. She has worked for different units, such as kidney dialysis, emergency room, pathological and surgical department. In 1997 she attained official speciality exercising pathological nursing. During her postgraduate (MSc) and PhD course in community nursing, her focus was on transcultural and family nursing. Her presentations are centered on transcultural nursing with regards to family nursing. In the meantime she leads and trains students of University Athens department of nursing in their clinical exercise in hospitals of Athens. She has attended and participated in various congresses and seminars in Greece and European countries.

Stefan Bernhard was born on the 8th of December, 1975, in Darmstadt, Germany. He received his B.Sc. (Hons) Degree in Applied Physics in 2001 at the University of Central Lancashire in Preston, United Kingdom and his MSc and PhD in Physics in 2002 and 2006, (summa cum laude) respectively, at the Georg-August-University, Göttingen, Germany. Since 2006 he has been employed as a postdoctoral research fellow at the Institute of Mathematics and Computer Sciences at Free University Berlin. His research interests include molecular systems and statistical inverse problems in cardiovascular physiology. He is now head of the angiology group within the innovation laboratory Mathematics for Diagnosis (M4D).

Sharmila Chatterjee, MBBS, is currently studying for her MPH (Community Oriented Primary Care) at George Washington University, Washington DC, USA. Dr. Chatterjee completed her DNB clinical training in Family Medicine from AMRI, Kolkata, India in 2009. She is the author of several scientific articles in major peer-reviewed journals and presented several papers in international conferences. She has been in medical gastroenterology practice for several years prior to this. Her major work and interests include clinical gastroenterology, clinical trial management, epidemiological research in severe sepsis, clinical research, regulatory affairs, and bioethics.

Amit Chattopadhyay, PhD, FFPH-RCPUK, MPH, CPH, MDS, BDS, PGDHHM, PGDMLS, Dip-GlobalEthics, GCertID, GCertPHO, DipJourn, DcFM, MSASMS, MACE, is an Epidemiologist at the ARCA B, Gaithersburg, MD, USA. He is also employed with NIH-NIDCR. He is a Diplomate of the American National Board of Public Health Examiners and a Diplomate of the American Board of Dental Public Health. He has a broad variety of research interests and scientific publications as author /editor of several books and book chapters and as principal author in peer-reviewed journals of repute encompassing epidemiology; applied biostatistics; pathology; HIV/AIDS; cancer-precancer; clinical trials; and health economics. Alongside those areas, he is currently developing research in in-silico simulation of biological processes, disease etiology and outcomes; life-like cellular automaton; application of imputation models in public health and dentistry; ethics and philosophy.

Eleni Christodoulou has worked as a Registered Nurse in a Pathology Department of a general hospital for ten years. She is also a graduate of the Department of Primary Education of the University of Athens. She has a Postgraduate Degree in Health Management, and she is a PhD student in the Department of Nursing at the University of Peloponnesse. For the last four years, she has been working as a vocational non-compulsory nursing school teacher and as a nurse educator. Her professional and research interests focus on nursing education and new technologies at the disposal of the nursing and
medical science. She has attended and participated in various congresses and seminars and she has also been a Member of the Scientific and Organizing Committee of several Scientific Nursing Congresses.

**Evangelia Loukidou** received her Bachelor in Psychology from Aristotle University of Thessaloniki. She has continued her studies at Warwick University-UK from which she has received her Master’s Degree in Organizational Studies. In 2008 she was awarded the Doctorate degree in Organizational Behaviour from Loughborough University. She has then followed a career in research by working as a project manager for the Ministries of Health and Education, for various European-funded programs related to the broader sector of mental health. She is currently working as a psychologist at a public school for children with special needs. She has a satisfactory number of publications at world conferences and academic journals.

**Antonio F. Gómez-Skarmeta** received the M.S. degree in Computer Science from the University of Granada and B.S. (Hons.) and the PhD degrees in Computer Science from the University of Murcia Spain. Since 1993 he is Professor at the same department and University. Antonio F. Gómez-Skarmeta has work on different research projects in the national and international area, like Euro6IX, 6Power, Positif, Seinit, Deserec, Enable, and Daidalos. His main interested is in the integration of security services at different layers like networking, management, and web services. He is Associate Editor of the IEEE SMC-Part B and reviewer of several international journals. He has published over 90 international papers and is a member of several program committees.

**Suying Huang** received her B.Sc. degree from Jiangxi University of Traditional Chinese Medicine in 1977. She has engaged in clinical, teaching, and research work for 31 years. She is currently a Chief Physician and the head of out-patient department in Shanghai Literature Institute of Traditional Chinese Medicine. Academically, she is a successor of Mr. Xiaosun Cai, a famous gynecologist of Traditional Chinese Medicine, and has been the eighth generation of Cai’s Gynecology. Huang has published five books such as “Keys for monitoring the menstrual cycle in gynecology,” and more than 30 papers. Clinically, she is an expert at the treatment of different gynecological diseases.

**Stamatia Ilioudi** graduated from the Department of Informatics, University of Piraeus, Greece. She is currently a Postgraduate student in Information Systems at the Athens University of Economics and Business. Her research interests include electronic communication systems, information systems, e-business, e-health systems, applications in health organizations, and other areas. Currently, she is PhD student at the Department of Nursing at the University of Peloponnese.

**Vassiliki Ioannidi** works currently as Teaching Staff in “Special Education: Juvenile delinquency-Pedagogic approach” at the Department of Nursing at the University of Peloponnese in Greece. She studied at the Faculty of Greek Literature, School of Philosophy at the National and Kapodistrian University of Athens, in Greece. She received her PhD in Philosophy from the Department of Pedagogic, Faculty of Philosophy-Pedagogic-Psychology, School of Philosophy at the National and Kapodistrian University of Athens, Greece. During and after her doctoral studies, she participated in research at the University of Athens, as well as in various scientific collaborations. She taught as a postgraduate scholar of the Greek State Scholarship’s Foundation and as a Research Fellow-Lecturer in the Depart-
About the Contributors

Anastasia Kadda is a Sociologist specialized in the sociology of health, illness, and medicine with a historical perspective. She is also specialized in health units’ management and in educational science. Her publications focus upon the following issues: the role of wider social environment in health-illness, social dimension of health and illness, the role of sociologists in health promotion, stress management, diseases and society in a historical perspective, relation between health-medicine and society, the social role of medical manuscripts, and social utility of personalized e-health services. She has been a teaching staff (P.D. 407/80) in the Department of Nursing of the University of Peloponnesus for two years and teaching staff in the Master’s course Intercultural Nursing in the Department of Nursing of the National and Kapodistrian University of Athens as well. She is a scientific collaborator, Lecturer on Sociology of Health in the Department of Nursing B, and in the Department of Health Visiting of the Educational Institute of Athens. She also works in the Department of Health in the Prefecture of Athens.

Eleftheria Koultouki was born in Greece. She studied Medicine in the Aristotle University of Thessaloniki, Greece, and specialized in Pediatrics in Hospitals in the United Kingdom and in Greece; qualified in 2003. Since then she works in the Hematology / Oncology Unit of the 1st Department of Pediatrics of the University of Athens. Currently working on her PhD thesis, she is involved in cell biology studies, flow cytometry, and microarray techniques.

Antonio J. Jara-Valera received the B.S. (Hons. - valedictorian) degrees in Computer Science from the University of Murcia (UMU), Murcia, Spain, in 2007, and M.S. Computer Science degree from the University of Murcia (UMU), Murcia, Spain, in 2009, where his Master Thesis was about “Internet of things in clinical environments.” He earned a second M.S. Computer Science degree about advanced networks and artificial intelligence from the University of Murcia (UMU), Murcia, Spain, in 2010, where his Master Thesis was about “Mobility protocols for 6LoWPAN.” He has been with the Department of Information and Communication Engineering, UMU, since 2007, where he is working on several projects related to the ZigBee/6LoWPAN and RFID applications in Intelligent Transport Systems (ITS), home automation, and mainly healthcare. He is especially focused on security and mobility for Future Internet and its applications in healthcare, which is the topic of his PhD. He has published over 20 international papers.

Anastasia Kadda

Eleftheria Koultouki

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ment of Pedagogic, Faculty of Philosophy-Pedagogic-Psychology of the University of Athens, graduate and postgraduate. She also taught, as a Research Fellow-Lecturer in the Department of Philology and in the Department of History, Archaeology and Cultural Resources Management of the University of Peloponnese (Kalamata), Hellas. Today, apart from being a member of the Teaching Staff in Special Education at the Department of Nursing (Sparta) of the University of Peloponnese, she is also scientific associate at the interdisciplinary Postgraduate Course “Museum Studies” between the Department of History-Archaeology and the Department of Geology of the University of Athens, in collaboration with the Department of Conservation of Antiquities and Works of Art of the Technological Educational Institution of Athens, Hellas. Her scientific interests focus on the introduction of innovative pedagogical approaches, in strengthening the link between theory and practice in Special Education, in developing specialised pedagogical approaches, methodologies, and didactical interventions, and also didactical exploitation of new technologies in Special Education. She is a member of various scientific and humanitarian organizations.
George I. Lambrou is a biologist who was born in Greece. He received his biology training at the Philipps-Universität, Marburg Germany (Diplom). He has specialized in developmental biology and neurochemistry. His main research interests include tumor cell proliferation dynamics, in particular non-linear and chaotic models, as well as pharmacogenomics with emphasis on the glucocorticoid receptor NFκB signal transduction pathway and resistance to glucocorticoid-induced apoptosis. He is also occupied with modeling methodologies and computational biology approaches, along with high-throughput methodologies, such as microarrays.

Guo-Zheng Li is Professor with Department of Control Science & Engineering at Tongji University, China, Committee Member of CAAI Machine Learning Society and CCF Artificial Intelligence & Pattern Recognition Society, Fellow of The International Society of Intelligent Biological Medicine (ISIBM). He obtained his PhD degree from Shanghai Jiao Tong University in 2004. Dr. Li is interested in machine learning and medical informatics. He is Principle Investigator of projects under grants of Natural Science Foundation of China. Li has published 50+ refereed papers in several professional journals and conferences and three chapters. He is Associate Editor and/or Editor on board of 8 international journals, such as IJDMB and IJMLC, Program co-Chair of IJCBS 2009, ITCM 2010. He has obtained Best paper awards at PRICAI 2006, ICAI 2007 and BIBE 2007, and Academic Service Award by ISIBM at IJCBS 2009.

Khushdeep Malhotra, MPH, BDS, is a Resident in the Dental Public Health Residency Program at NIH-NIDCR. Dr. Malhotra was trained as a Dentist in Bangalore, India, and went on to obtain her Master’s degree in Public Health (major Health Education) from Western Kentucky University (WKU), KY, USA. She has worked extensively with vulnerable youth in Kentucky and Indiana, in the area of health education. She has presented results of her work at several conferences. Currently, she is investigating socio-behavioral factors and their link with dental care utilization and delivery.

Maria Moschovi is an Assistant Professor of Pediatric Hematology and Oncology at the Medical School of the Kapodestrian University of Athens and the Director of the Hematology / Oncology Unit of Aghia Sofia Children’s Hospital. She has extensive knowledge and experience in the field of medical oncology and is currently responsible for the running of various laboratory-based scientific research projects. Her main scientific interests lie in the investigation of metabolic and genetic changes that contribute to the development of childhood cancers, aiming for a more targeted therapeutic outcome in the clinical practice.

Svetoslav Nikolov received a M.Sc. in Mechanical Engineering from the Technical University Sofia (Bulgaria) in 1994, and a PhD in Biomechanics from the Institute of Mechanics and Biomechanics (IMech), Bulgarian Academy of Sciences in 1999. During 1999, he was a researcher at IMech. Since 2003, he has been a tenured Associate Professor position at the Sofia University, Biological Department, and since 2005 the same position at the IMech. His research interests are in application of methods of nonlinear dynamics and systems theory to systems biology.

Robert Penchovsky is an Assistant Professor of Genetics at Sofia University “St. Kliment Ohridski,” Bulgaria, where he obtained his Master’s degree in biochemistry and molecular genetics, and his Associate’s degree in applied computer sciences. Robert is a Reserve Military Officer of the Bulgarian Army.
About the Contributors

He earned his Doctoral degree in Genetics from Cologne University, Germany while researching in the fields of microfluidics and nanobiotechnology for Fraunhofer Gesellschaft at Schloss Birlinghoven in Sankt Augustin (near Bonn), Germany. Robert did his postdoctoral study in the fields of computational and RNA synthetic biology at Yale University, New Haven, CT, USA.

**Alessandro Prigione** is a post-doctoral Scientist at the Max-Planck Institute for Molecular Genetics in Berlin, Germany. He received his M.D. (*summa cum laude*) at the University of Milan, Italy in 2002 and subsequently graduated from the International PhD Program in Molecular Medicine at the Vita-Salute San Raffaele University in Milan, Italy in 2008. Before joining Max-Planck for his current position, Dr. Prigione studied Parkinson’s disease at the University of Milan-Bicocca (Italy), basic mitochondrial biology and dysfunctions at the University of California at Davis (USA), and stem cell biology and cellular reprogramming at the San Raffaele Scientific Institute (Italy). His current research focuses on the interrelation of mitochondrial biology and “stemness,” as well as mitochondrial modifications occurring in human embryonic stem cells and upon cellular reprogramming.

**Christof Schütte** was born in Warburg, Germany in 1966 and received the PhD degree in Mathematics in 1994 at Free University Berlin. After research from 1994 to 1998 as Research Assistant at Free University Berlin he has held the position Head of the department “Numerical Analysis and Modeling” at Zuse Institute Berlin from 1998 to 1999. In 1999 he received his habilitation in mathematics at the Free University Berlin, where he since 2000 holds a position as full Professor and Head of BioComputing Group. Since 2008 he is Co-Chair of the DFG Research Center MATHEON. In the same year he won the IBM Research Prize (SUR-Grant).

**Antonios K. Travlos** is an Assistant Professor at the Department of Sport Management at the University of Peloponnese in Sparta Lakonias, Greece. He teaches courses in sport psychology, motor behavior, statistics, organizational behavior, and organizational psychology. He received his Master of Arts from McGill University in 1988 and his doctorate from the University of Alberta in 1993. His areas of research interests include the role of physical activation in mental functioning; scheduling of practice; aggression and violence in sports; bullying in school and sport environment; ethics at work, job satisfaction, and job analysis. He has published more than 15 refereed journal articles, 3 books, and has made over 150 national and international conference presentations. Dr. Travlos has work for many years counseling coaches, referees, and athletes from youth sports through professional levels.

**Maria Tsironi** was born in Athens in 1968. She has studied medicine at the Medical School of the University of Athens and graduated in 1992. She was then specialized in internal medicine at the first Department of Internal Medicine, Laikon Hospital, University of Athens. She had obtained her PhD degree in 2002, working on the myocardial perfusion of sickle thalassemic patients. Since then, she was working as a Consultant of internal medicine, especially with hemoglobinopathy patients, till 2008. She was elected as an Assistant Professor of internal medicine at the Department of Nursing, University of Peloponnese. Her current scientific interests are focused on myocardial dysfunction in hemoglobinopathies, endothelium disorders in hemoglobinopathy patients, and the effects of exercise on the cardiovascular system, focusing on healthy ultramarathon runners.
Sofia Vasileiadou is a Nurse (RN) working for the General University Hospital “Attikon” in Athens, Greece. She has a MA in “Theory, Practice and Evaluation” from the department of Philosophy, Pedagogy and Psychology, University of Athens. She is involved in nurse education and she is mostly interested in special needs and learning disabilities nursing. She has participated in Greek and international conferences.

Julio Vera holds a degree in Applied Physics from the University of La Laguna (1999, Spain). His Ph. was in Biochemistry and Molecular Biology (2005, University of La Laguna). He is currently leading the FORSYS Junior Research Group on Systems Biology for Cancer and Aging (CALSYS, www.sbi.uni-rostock.de/calsys), associated to the group of Systems Biology & Bioinformatics at the University of Rostock, Germany. His expertise is in data-based mathematical modelling of metabolic and cell signalling pathways, predictive simulations, and development of mathematical methods and software tools for the analysis of biological systems.

Olaf Wolkenhauer earned his first degree in control engineering, followed by a PhD at the UMIST in Manchester UK, a joint position with the Department of Biomolecular Sciences. Since 2005 he occupies the Chair in Systems Biology & Bioinformatics at the University of Rostock, Germany (www.sbi.uni-rostock.de). His research interests are in systems biology and bioinformatics, focusing on dynamical inter- and intra-cellular processes.

Liaoyu Xu received his Master’s degree from Shanghai University of Chinese Medicine in 2003. Now he is Chief Information Officer of Shanghai Literature Institute of Traditional Chinese Medicine. He is interested in information technology for Chinese Medicine, including database and data mining.

Mingyu You received her PhD degree from Zhejiang University in 2007. She is currently Assistant Professor in the Department of Control Science & Engineering, Tongji University, China. Her research interest is bioinformatics, artificial intelligence in medicine, intelligent human-machine interaction, and pattern recognition.

Miguel A. Zamora-Izquierdo received the M.S. degree in automation and electronics and the PhD degree in computer science from the University of Murcia, Spain, in 1997 and 2003, respectively. Since 1999, he has been an Associate Professor with the Department of Information and Communication Engineering, UMU, where he works on several projects related to the remote monitoring and control, and is especially focused on sensors system and embedded system.

Stelios Zimeras was born in Piraeus, Greece. He received his B.Sc. in Statistics from University of Piraeus, Depart. of Statistics and Insurance Sciences, and his her Doctor of Philosophy Degree in Statistics from University of Leeds, U.K. Research productivity is summarized in various articles (monographs or in collaboration with other researchers) in International Journals, International Conference Proceedings, International Book Series and International Book Chapters. Since 2008 he is Assistant Professor at the University of the Aegean, Depart. of Statistics and Actuarial – Financial Mathematics. He has participated in many Research Projects in Greece and in European Union. He is the writer of many papers in the areas of Informatics and Statistics.
Sofia Zyga has worked as a Renal Nurse since 1998. She has a Postgraduate Degree in Organization and of Health Services Administration and also a PhD in Clinical Nephrology. She is an Assistant Professor in Fundamentals of Nursing at the University of Peloponnese and a member of the Committee dealing with Health, Education, and Culture in the local prefecture government. Her professional and research interests focus on renal nursing and nursing education. She is the author and (co)editor of over 30 publications in International and Greek Scientific Journals. She is also Member of Scientific and Organizing Committee in Scientific Nursing Congresses.