About the Contributors

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Stavros Archondakis is a certified pathologist and director of the Cytopathology Department of 401 Athens Army Hospital. He graduated from Thessaloniki Medical School and National Military Medical School in 1996. Since 2007, he was appointed assessor of the Hellenic Accreditation System (ESYD) for the accreditation of medical laboratories according to ISO 15189:2012. He speaks English and French. He is a member of Hellenic Society of Clinical Cytopathology, Society of Medical Studies, and Society for Quality Management in the Health Sector. He is the author of 29 medical books, some of them awarded by the Greek Anticancer Society. He has participated with posters and oral presentations in more than 200 congresses and seminars, he has authored more than 25 articles in greek and foreign medical journals. He possesses more than 800 hours of teaching experience in medical and paramedical schools.

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Andrea Bertotti has a background in cancer biology, with a focus on receptor tyrosine kinase (RTK) signal transduction, oncogene addiction, and targeted therapies. Following his PhD, in which he studied the biochemical mechanisms underlying the cooperation between RTKs and adhesion molecules during cancer progression, he worked on identifying molecular traits associated with oncogene addiction. Starting 2008, he focused his research activity on translational projects, by initiating and coordinating the generation of a preclinical platform for high-fidelity anticipation of clinical findings. This resulted in a large collection of liver metastases from colorectal carcinoma, which have been transplanted in immunocompromised mice, profiled for molecular characteristics and treated with approved or investigational compounds, leading to publications in major scientific journals.

Romeo Bishop holds a Bachelors of Science (Honours) in Biochemistry and Pure Chemistry from The University of the West Indies, Mona, Kingston, Jamaica. Mr. Bishop was a student Research Assistant in the Sub-Department of Chemical Pathology, Department of Pathology at the University of the West Indies. He worked on a number of projects including (i) a biochemical study of creatinine kinase and lactate dehydrogenase enzymes in patients with thyroid dysfunctions, and (ii) an audit of tumour marker requests in a teaching hospital. In 2011, Mr. Bishop participated in the Shaw University Jamaica MON Project, a summer research training programme for undergraduate students. The programme was held at the Mona Campus, The University of the West Indies, and he received the Most Outstanding Student Award. Mr. Bishop is a past student of Jamaica College and enjoys reading and playing cricket.
About the Contributors

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Po-Hsun Cheng received a BS degree in information and computer engineering from Chung Yuan Christian University, Taiwan, in 1988, an MS degree in electrical engineering from the University of Southern California, California, USA, in 1992, and a PhD degree in electronics engineering from National Taiwan University, Taiwan, in 2005. Since 2008, he has been a member of the faculty in the Department of Software Engineering, National Kaohsiung Normal University, Taiwan, where he is currently an associate professor. He was Deputy Director in the Information Systems Office, National Taiwan University Hospital, Taiwan. He was a visiting researcher in the Department of Computer Science and Engineering, University of California, Riverside, USA in 2000. He is a member of HL7, ACM, IEEE, IEICE, AMIA and CAMIT, a senior member of the TAMI, HL7 Taiwan and IICM. He is the Board Member of TAMI (2006-2015) and HL7 Taiwan (2006-2015). He was the Secretary General of HL7 Taiwan (2002-2006).

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Fabrizio De Massis has a degree in Veterinary Medicine from the University of Bologna, Italy, and a Specialization in Animal Health, Breeding, and Production of Animal Studies at the University of Teramo, Italy. From August 2001 to March 2006, he was a veterinarian in contract, epidemiologist assigned to the National Reference Centre for Epidemiology and Risk Analysis and the National Reference Centre for Brucellosis to the Istituto Zooprofilattico dell’Abruzzo e del Molise (IZSAM). From March 2006 to June 2009 he was the Seconded National Expert at the European Food Safety Authority to the Unit of Animal Health Welfare. He has been a permanent veterinary officer since April 2009. He directed the IZSAM laboratory of Isernia (from November 2009 to January 2011) and the IZSAM laboratory of Avezzano (from January to August 2011). He has been involved in the coordination and supervision of the activities of the laboratories of the above diagnostics sections. From August 2011 to October 2012, he directed the department of sample acceptance and control in the IZSAM’s headquarters. From November 2012 to date, he is working at the National Reference Centre for Epidemiology, Planning, Information, and Risk Analysis (COVEPI) at IZSAM.

Alessandro Fiori holds a Masters Degree in Computer Engineering from Politecnico di Torino, and the European PhD degree from Politecnico di Torino, Italy. He has been project manager of the LAS (Laboratory Assistant Suite) project at the Institute for Cancer Research and Treatment of Candiolo (IRCC), Italy since January 2012. His research interests are in the field of data mining, in particular bioinformatics and text mining. His activity is focused on the development of information systems and analysis frameworks oriented to the management and integration of biological and molecular data. His research activities are also devoted to text summarization and social network analysis.
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Beáta Gavurová works as an associate professor in the Faculty of Economics at the Technical University of Košice. In her science-research work, she focuses mainly on measuring and performing management in the organizations and process management. The results of her research are presented in various Professional and scientific journals, as well as in domestic and international conferences. Achieved results are being applied also in her pedagogical practice at all levels of education. She is an author and co-author of 5 scientific monographs, several chapters in monographs and a number of international publications. She participated in the solution of the VEGA project in the area of implementation and usage of Business intelligence in organizations in Slovakia, as well as in projects oriented on the measurement of efficiency and quality of healthcare facilities in Slovakia, in international projects: eBEST - “Empowering Business Ecosystems of Small Service Enterprises to face the economic crisis,” 7th Framework Programme FP7-SME-2008-2 a DEN4DEK - “Digital Ecosystems Network of regions for DissEmination and Knowledge deployment,” and Competitiveness and Innovation Framework Programme CIP-ICT-PSP-224976.

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Andrew Georgiou is a Senior Research Fellow at the Centre for Health Systems and Safety Research, part of the Australian Institute of Health Innovation at the University of New South Wales. Andrew has worked extensively in the area of pathology IT systems, contributing over 40 papers and studies to the area. He was a member of the Scientific Program Committee of the first World Congress of Pathology Informatics held in Brisbane in 2007 and a member of the Scientific Program Committee for the 13th World Congress on Medical Informatics held in Cape Town, South Africa in 2011. Andrew is an Editorial Board member of the Open Medical Informatics Journal, Journal of Pathology Informatics, Health Care Informatics Review and the International Journal of Medical Informatics. He is currently the co-Chair of the International Medical Informatics Association Working Group on Technology Assessment and Quality Development (2013).
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Güney Gürsel was born in 1972 in İzmir, Turkey. He graduated from the Military Academy in 1994 as a systems engineer. He received his MSc degree in information systems field in 2003 from the Middle East Technical University (METU), and PhD in Medical Informatics field in 2012 again from METU. He is working in the Department of Medical Informatics, Gülhane Military Medical Academy, as medical informatics specialist. He speaks advanced English. He is working in the fields of Healthcare Information Systems (HIS), Evaluation of HIS, End user expectations from HIS, Fuzzy logic application in HIS, and Interoperability in HIS. He is married and has two kids.

Petros Karkalousos is a lecturer at the Technological and Educational Institute of Athens (TEI of Athens). He teaches clinical chemistry, immunology and analysis of biological fluids. He is also a visiting professor to the Hellenic Open University where he teaches the lesson «special topics of quality». He is also an assessor of the Greek Accreditation Organisation, specialised in ISO 15189. He has studied Biomedical Science (Bsc), Biology (Bsc), Applied Statistics (Msc), and he has PhD in quality control. He has worked for sixteen years in the clinical laboratories of public hospitals. Apart from his work in the TEI of Athens, he is also a quality manager of a private clinical laboratory in Athens.

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Maria Teresa Mercante is a biologist, graduate at the University of L’Aquila in 1988, and she has held the license to practice as a biologist since 1990. Since 1993, she has been employed as an executive at the Istituto Zooprofilattico Sperimentale dell’Abruzzo e del Molise (IZSAM). From 1993 to 1999, she worked at serology laboratory, and she carried out the production of monoclonal antibodies and the preparation of the registration dossier of vaccines. From 1999 to 2003, she worked at the quality assurance and control Unit, where she carried out the quality control and quality assurance in laboratory accreditation according to ISO/IEC 17025. From February 2003 to May 2004, she carried out the supervision and control of activities of the clinical biochemistry laboratory. She was employed as coordinator and supervisor of the serums and vaccines production laboratory from 2004 to 2009, in particular, from January 2006 to July 2009, she was Head of the viral vaccines, serums and diagnostics production department. Since July 2009, she has worked at the Reception Unit, where she is the reference person of the laboratory information system (SILAB).

Sappho Michael holds a BSc in Cell and Molecular Biology from Oxford Brookes University, UK, and an MSc in Human Reproductive Biology from Imperial College, UK. Returning to Cyprus, she first worked as a researcher at the Cyprus Institute of Neurology and Genetics, in the frame of a research programme on Thalassaemia A. She was then employed at the Haematology Laboratory of the Nicosia General Hospital and was later transferred to the Blood Establishment in Nicosia. There, she was responsible for the Quality Management programme. Since 2010, she has been working at the Ministry of Health as a member of the Competent Authority which regulates the activities of the Blood Services in Cyprus. She was trained in Quality Assurance and Accreditation and, since 2004, she is a Technical Expert at the Cyprus Accreditation Body.
Lucilla Ricci has a degree in Biological Sciences from the University of L’Aquila, Italy. From November 1985 to February 1989, she attended the Laboratory of Microbiology at the Faculty of Medicine and Surgery at the University of L’Aquila and acquired microbiological techniques dealing with the production of B- Iattamasi by Gram-negative, the bacterial resistance and techniques of in vitro mutagenesis by using mutagenic substances such as nitroso - guanidine. Later on, from 1989 to 1990, she dealt with cytological and bacteriological exams in the human field, microbiological exams of food, drinking water and wastewater. She taught from November 1989 to June 1992, mathematics, chemistry, biology, and astronomical geography, and since 1997, she is the chair of mathematics, chemical, and physical sciences. From 1992 to the 1993, she dealt with veterinary diagnostic bacteriology and food hygiene. Since December 1993, she has been working at the Quality Management Department at the Istituto Zooprofilattico Sperimentale dell’Abruzzo e Molise (IZSAM). From March 2005 to May 2007, she was Responsible for the Quality at the Italian Ministry of Health. She participated as an expert of ISO 17025, ISO 17020 ISO 19011 and ISO 9001 in several international projects.

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Fikriye Uras is a professor of biochemistry and clinical chemistry at Marmara University, Istanbul, Turkey. She is a former director of the Clinical Biochemistry Laboratory at the International Hospital in Istanbul and Clinical Chemistry Department of Haseki Training and Research Hospital in Istanbul where she was active in teaching residents and fellows in Clinical Biochemistry. The International Hospital has been awarded accreditation by Joint Commission International (JCI) and Health Quality Service (HQS). The laboratory has been awarded ISO 15189 Accreditation. Her PhD is in biochemistry and she remains very active in professional organizations. She is the founder and former president of the Association of Clinical Biochemists (KBUD), Turkey. She organized the First International Symposium on Quality and Accreditation in Laboratory Medicine as the president. She was guest editor of Clinical Biochemistry based on this symposium. She has been president of 3 national symposia on accreditation and standardization of laboratories.

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