

Associate editors

Magnus Boman, Royal Institute of Technology (KTH), Stockholm, Sweden

Magnus Boman is a professor in Intelligent Software Services and an expert in artificial intelligence, data science, and statistical learning theory. He is currently building learning machines for analysing patient behaviour in a clinical flow of Internet-based psychiatry patients. Over the last dozen or so years, Boman worked as a computational epidemiologist in Sweden and the United Arab Emirates, chiefly with influenza-like illnesses. He spent four years as a foresighter for the European Commission, where he analysed the role of information technology cross-industry and over many areas, including active healthy ageing and precision medicine.



Mike Catchpole, European Centre for Disease Prevention and Control (ECDC), Stockholm, Sweden

Mike Catchpole is a medical doctor who has worked in infectious disease epidemiology and response at the national and international level since 1991. He is Chief Scientist at the European Centre for Disease Prevention and Control (ECDC). Prior to that he was Director of Public Health England's national Centre for Infectious Disease Surveillance and Control, and was the UK member of the ECDC Advisory Forum from 2007 until 2014. He has over 20 years' experience of management of communicable disease surveillance and response, including leadership of the national epidemiological response to the 2009 influenza A(H1N1) pandemic in England, leading the public health follow up of those exposed to the terrorist bombings in London in 2005, developing and managing the surveillance systems for the 2012 London Olympics and the surveillance systems that were instrumental in driving the dramatic reductions in MRSA and *C.difficile* in England.



His primary research interests have included HIV and other sexually transmitted infections, the wider health effects of major incidents, and public health information systems development. He has also been a member of the steering groups for a number of European projects, and chaired the Steering Committee of the European Programme for Intervention Epidemiology Training (EPIET) from 2001 to 2006.

He has academic appointments, as a visiting professor, at Imperial College London and City University London.

Natasha Crowcroft, Public Health Ontario and University of Toronto,
Toronto, Canada

Dr. Natasha Crowcroft is Chief of Applied Immunization Research and Evaluation at Public Health Ontario, and Professor in Laboratory Medicine and Pathobiology and the Dalla Lana School of Public Health at the University of Toronto. She trained in medicine and public health at the Universities of Cambridge and London, UK, and in the European Programme for Intervention Epidemiology Training (EPIET) in Belgium, as a member of the first cohort of EPIET fellows. She has more than 25 years' experience working in public health, of which the last decade has been in Canada. Her research aims to maximize the health benefits of immunization. Interests range from global measles and rubella eradication, innovative approaches to vaccine hesitancy, assessment of burden of disease, through to pertussis vaccine effectiveness. She has published over 200 scientific papers and is an expert for the World Health Organization.



Christian Drosten, Charité Berlin, Germany

Christian Drosten (born 1972, Lingen/Germany) is a physician by training, board certified in virology, medical microbiology and infection epidemiology. He started his professional career at the Bernhard Nocht Institute for Tropical Medicine in Hamburg, where he discovered the unknown virus causing SARS in 2003 (SARS = severe acute respiratory syndrome) and developed a diagnostic test that enabled public health authorities worldwide to stop a beginning pandemic. In 2007 (at age 34) he became the founding director of the Institute of Virology at University of Bonn Medical Centre, now one of the most well-known places for research on emerging viruses in Germany. His group has several active research projects in Africa and Latin America. In March 2017 he took over the Chair of Virology at Charité, Berlin, where he heads the Institute of Virology on Campus Mitte. Drosten has co-authored more than 300 peer-reviewed papers and coordinated research consortia funded by the European Union, Deutsche Forschungsgemeinschaft, and the German Ministry of Research. He is a member of the internal advisory board of the German Center for Infection Research (DZIF) and the speaker of the German National Research Network for Zoonotic Infections. He received the German Federal Cross of Merit for his work to counter the SARS epidemic. As a professor at one of the largest University Medical Centres in Europe, he is intensely engaged in collaborative clinical and basic research to limit the threat of emerging infections and pandemics.



Karl Ekdahl, European Centre for Disease Prevention and Control (ECDC), Stockholm, Sweden

Karl Ekdahl is a medical doctor and a specialist in infectious diseases. He has a PhD in Infectious Diseases from the Lund University, Sweden, a Diploma in Tropical Medicine and Hygiene from Prince Mahidol University, Bangkok, Thailand, and a Master's Degree in Epidemiology from the London School of Hygiene and Tropical Medicine.



In 1999 he became Associate Professor and in 2007 Adjunct Professor in Infectious Disease Epidemiology, at the Karolinska Institute in Stockholm. In his academic career, he has authored some 100 scientific articles and one book, and has tutored 10 PhD students. Between 2007 and 2011 he was the Editor-in-Chief of the ECDC-published scientific journal *Eurosurveillance*.

After some years as an infectious disease specialist, Karl Ekdahl entered the area of communicable disease prevention and control in 1995. Since then, he has worked at regional, national and international levels, and between 2001 and 2005 held the position of Deputy State Epidemiologist for Sweden. He has participated in many international networks: an HIV surveillance project in China and had been responsible for Swedish cooperation with Russia and the Baltic Republics on communicable disease control from 1998 to 2000. In March 2005, Karl Ekdahl was the first expert to join the European Centre for Disease Prevention and Control (ECDC).

Within ECDC, he has been Strategic Adviser to the Director (2005-2007), and Head of the Health Communication Unit (2007-2010). From February to April 2010, Professor Karl Ekdahl was the Centre's Acting Director. From June 2010, he was the Head of the Communication and Country Cooperation Unit, and from April 2011 he is the Head of the Public Health Capacity and Communication Unit.

Johan Giesecke, Karolinska Institute, Stockholm, Sweden

Johan Giesecke trained as an infectious disease clinician in the 1980's, and from working with AIDS patients became interested in the epidemiology of infectious diseases. He was State Epidemiologist for Sweden (1995 to 2005) and the first Chief Scientist of the ECDC (2005 to 2014). In 2000 he led the group working on the revision of the International Health Regulations at WHO Geneva.



Professor Giesecke has written a textbook on infectious disease epidemiology, and now teaches on this subject as professor emeritus at the Karolinska Institute Medical University.

David Heymann, Public Health England and London School of Hygiene & Tropical Medicine, London, United Kingdom

David Heymann is currently Professor of Infectious Disease Epidemiology, London School of Hygiene and Tropical Medicine and Head of the Centre on Global Health Security at Chatham House, London. From 2012 to March 2017 he was chairman of Public Health England, UK. Previously he was Executive Director of the WHO Communicable Diseases Cluster, during which he headed the global response to SARS, and prior to that was director for the



WHO programme on Emerging and other Communicable Diseases. Earlier experiences at WHO include chief of research activities in the WHO global programme on AIDS. Before joining WHO he worked for 13 years as a medical epidemiologist in sub-Saharan Africa, on assignment from the US Centers for Disease Control and Prevention (CDC), where he participated in the first and second outbreaks of Ebola hemorrhagic fever, and supported ministries of health in research aimed at better control of malaria, measles, tuberculosis and other infectious diseases. Prior to joining the CDC he worked in India for two years as a medical epidemiologist in the WHO smallpox eradication programme. He is an elected fellow of the Institute of Medicine of the National Academies (US) and the Academy of Medical Sciences (UK), and has been awarded several public health awards that have provided funding for the establishment of an on-going mentorship programme at the International Association of Public Health Institutes (IANPHI). In 2009 he was appointed an honorary Commander of the Most Excellent Order of the British Empire (CBE) for service to global public health.

Irena Klavs, National Institute of Public Health, Ljubljana, Slovenia

Dr. Irena Klavs is a medical epidemiologist working in the area of surveillance, research prevention and control of communicable diseases. Currently she serves as a head of HIV, STIs and hepatitis group and as a head of Healthcare-associated infections group in the Communicable Disease Centre at the National Institute of Public Health in Slovenia. She is a member of the National AIDS Committee, a member of the National Committee for Prevention and Control of Healthcare-Associated Infections at the Ministry of Health and a member of HIV, Hepatitis and Tuberculosis Think Tank at the European Commission. She has been a principal investigator for several Slovenian national surveys, including Sexual attitudes, behaviour and health survey (2000) and National healthcare-associated infections survey in acute care hospitals (2011). Since 2005, she has been a member of the European Centre for Disease Prevention and Control (ECDC) Advisory forum for Slovenia. Since 2008, she has been coordinating the European Programme for Intervention Epidemiology Training (EPIET) at the National Institute of Public Health in Slovenia, one of the EPIET training sites. Currently she is Associated Professor at the Department of Public Health at the Medical Faculty, University of Ljubljana and Honorary Senior Lecturer at the London School of Hygiene and Tropical Medicine at the University of London. Dr. Irena Klavs graduated from the Medical Faculty, University of Ljubljana and has a MSc in Epidemiology and a PhD at the London School of Hygiene and Tropical Medicine, University of London.



Karl Kristinsson, Landspítali University Hospital, Reykjavik, Iceland and University of Iceland

Karl Kristinsson graduated as a Medical Doctor from the University of Iceland and received specialist training in Clinical Microbiology in the United Kingdom (Glasgow Royal Infirmary, Glasgow, Royal Hallamshire Hospital, Sheffield and Northern General Hospital, Sheffield).

Following the membership examination from the Royal College of Pathologists (MRCPath), he is now a fellow, FRCPath. PhD from Sheffield University, on Coagulase



Negative Staphylococci and Foreign Body Associated Infections. He was a Research Fellow at Cologne University (Hygiene Institut) in 1988 and worked as a consultant at the Clinical Microbiology Laboratory, Landspítali, University Hospital since 1988, and head of the laboratory from 1999. Since 1988, Professor Kristinsson was an associate professor in clinical microbiology, University of Iceland and a full professor since 2000. He has been a National Microbiology Focal Point and Antimicrobial Resistance Focal Point at the European Centre for Disease Control (ECDC) for Iceland, since the foundation of the ECDC. In addition, he is an Associate Editor for *Eurosurveillance* and on the editorial board of *Infectious Diseases* (formerly *Scandinavian Journal of Infectious Diseases*). Professor Kristinsson is also President of the Nordic Society for Clinical Microbiology and Infectious Diseases 2010-2012 and Vice chairman of the Communicable Disease Committee for Iceland.

His research has mainly focused on pneumococci, pneumococcal infections, *Streptococcus pyogenes*, streptococcal infections, *Staphylococcus aureus* and staphylococcal infections and meningococci. The emphasis has been on antimicrobial resistance, molecular epidemiology and pathogenicity. Current studies include a longitudinal study on the effects of pneumococcal vaccination on the molecular epidemiology of pneumococci and epidemiology of pneumococcal infections. Also, a molecular study on macrolide resistance in *Streptococcus pyogenes*.

Daniel Lévy-Bruhl, Santé publique France, Paris, France

Daniel Lévy-Bruhl is a medical epidemiologist, with a Master in Public Health. After having worked as a freelance consultant for UNICEF and WHO mainly for the Expanded Program on Immunisation and the Control of Diarrhoeal Diseases Program, he joined the Communicable Diseases and Immunisation Unit of the International Children Center in Paris in 1986. His main activities consisted in training activities in epidemiology applied to vaccination, in conducting operational research and in providing expertise regarding vaccination programs to the Ministries of Health of developing countries. In 1997, he joined the French National Institute for Public Health Surveillance (now Santé publique France) where he is co-ordinating, within the Infectious Diseases Direction, the Unit in charge of the activities related to the surveillance and expertise regarding vaccine preventable diseases. The main function of this unit is to monitor the epidemiological impact of the vaccination activities carried out through the National Immunisation Program. The analysis of surveillance and coverage data serves to make recommendations to the Ministry of Health, within the Technical Advisory Board on Immunisation, regarding needed changes in the schedule or in its level of implementation. When a new vaccine is granted a licence, ad hoc analysis is carried out (disease burden studies, mathematical modelling and economic evaluation) to assess the relevancy of its integration in the schedule. The unit is also actively contributing to the expertise for the Ministry of Health regarding large scale health threat control measures (smallpox, SRAS, pandemic influenza...). Recently, the scope of the Unit has been extended to cover surveillance and expertise activities related to non vaccine-preventable respiratory infections.



Jacob Moran-Gilad, Ministry of Health, Jerusalem and Ben-Gurion University of the Negev, Beer-Sheva, Israel

Jacob Moran-Gilad is a Medical Doctor board-certified in clinical microbiology and public health. As Head of Microbiology Cooperation & National Microbiology Focal Point for the Israeli Ministry of Health he oversees a range of national strategic and policy-making activities and works with stakeholders across government and public sectors.

Under this capacity he is leading areas such as genomic technologies and the National Programme for Legionellosis

Control and involved in cross-cutting work relating to emergency preparedness, disease surveillance and outbreak control and translation of lab to policy. His main research interest as a Professor of clinical microbiology at the Faculty of Health Sciences, Ben-Gurion University, Beer-Sheva, Israel is development of molecular diagnostics and bioinformatics capabilities for application of genomic approaches in public health microbiology, focusing on water-borne, food-borne and antimicrobial resistant bacteria. Jacob is the Chairperson of the ESCMID Study Group for Genomic and Molecular Diagnostics (ESGMD) and the Treasurer of the Israeli Society for Infectious Diseases.



Panayotis T. Tassios, National & Kapodistrian University of Athens,
Athens, Greece

P.T. Tassios was born in 1967 in Athens, Greece; studied Biochemistry and Molecular Biology in the U.K., Education in Greece, and currently works as Associate Professor in Molecular Microbiology at the National and Kapodistrian University of Athens, Greece. His research focuses on the molecular typing of bacterial strains and their resistance mechanisms to antimicrobial drugs, in order to assist infection surveillance, management and control. Since 1990, he has co-authored over 75 original articles in peer-reviewed journals. Since 1997, he has been active in more than 10 international research projects and networks – their subjects covering both community-acquired and healthcare-associated infections; served as Chairperson and/or Secretary in two study groups (Epidemiological Markers; Food- and Water-borne Infections) of the European Society of Clinical Microbiology and Infectious Diseases (ESCMID); as well as on the Scientific and Organising Committees of several international scientific conferences (e.g. ESCAIDE (2007-2016); IMMEM (2009, 2010)). His interest in the collaborative nature of scientific research and the public health aspect of infectious diseases, together with his love of education and group work, have nurtured his continuing practice in teaching –at undergraduate, postgraduate, and lifelong levels, both in Greece and at international workshops, seminars and conferences– of both molecular microbiology and scientific writing. Since 2007, he is associate editor of *Eurosurveillance*; has been holding a similar position in *Clinical Microbiology and Infection* since 2003; and has been reviewing manuscripts for over 10 journals since 2000.



Henriette de Valk, Santé publique France, Paris, France

Dr Henriette de Valk is a medical epidemiologist at the French National Public Health Agency (Santé Publique France). As the head of the Foodborne, Vectorborne and Zoonotic Infections Unit she is in charge of surveillance, outbreak investigations and applied research. Dr de Valk is actively involved in European networking activities for surveillance of infectious diseases, as a national representative in supra national surveillance networks, and as a member of the coordination group of the Vectorborne and Emerging Diseases network of ECDC, and as supervisor in the European Programme for Intervention Epidemiology Training. She recently worked on guidelines for surveillance of emerging arboviruses, on the disease burden of foodborne intestinal infectious diseases, and on whole genome sequencing for surveillance. She is serving on the national committee nominating the National Reference Centres (laboratories) for infectious agents in France and in Belgium.



Henriette de Valk graduated from the University of Leyden, the Netherlands, the London school of Hygiene and Tropical Medicine in the United Kingdom, and the Institut for Tropical Medicine, in Antwerp, Belgium and is an alumna of The European Programme for Intervention Epidemiology Training. Prior to coming to the Santé Publique France she worked for the NGO Médecins Sans Frontières in emergency relief programmes in Sudan, Uganda and Mali, for the German Technical Co-operation (GTZ) in Cameroon, and for the World Health Organisation in Indonesia at the control programmes for diarrhoeal diseases and respiratory infections.

Hélène Therre, Santé publique France, Paris, France

Hélène Therre holds a PhD in Biology (Option Reproduction) obtained in 1988 from the University Paris VI (France) and has studied as a science journalist in University Paris VI (France). After a few years working as an independent science journalist for various French and European scientific journals and agencies, she joined the Biofutur team in 1993 (a European biotechnology magazine - In French).



In 1998, she joined the European Center for AIDS Surveillance, and then the French National Institute for Public Health Surveillance (InVS) as editor-in-chief of Eurosurveillance monthly. She participated in the process leading to the listing of Eurosurveillance in MedLine.

At the time of ECDC's creation and Eurosurveillance's migration to ECDC in 2007, she became associate editor of Eurosurveillance, while being in charge of the scientific promotion within the Scientific Department of InVS. Since the creation of Santé publique France (merger of InVS and Inpes), she has been responsible for the scientific promotion unit within the Communications Division. Hélène worked on guidelines related to scientific publication, and participated in working groups on Open Access, social inequalities in health, and prospective studies by 2030. She is also a member of editorial team of the French Weekly Epidemiological Bulletin (BEH), and Santé en Action, a French journal of prevention and health promotion.

Sylvie van der Werf, Institut Pasteur

Pr. van der Werf is a Professor at the University Paris Diderot where she is responsible for a master program in Immunology, microbiology, virology and infectious diseases. The Head of the Molecular Genetics of RNA Viruses Unit at the Institut Pasteur, she is also Director of the coordinating center of the National Reference Center for respiratory viruses, the WHO National Influenza Center (Northern-France) and the WHO H5 reference laboratory. Furthermore she is Director of the department of Infectiology-Microbiology of the Doctoral School Bio-Sorbonne Paris Cité.



Pr. van der Werf is a member of several professional bodies and societies: American Society of Microbiology, Society for General Microbiology, European Society of Clinical Microbiology and Infectious Diseases, International Society for Influenza and other Respiratory Viruses and the European Scientific Working group on Influenza. She is regularly requested to serve as an expert on various committees of international organizations such as the WHO and the ECDC.

Pr. van der Werf's research interests have been focused on respiratory viruses since 1996, particularly dealing with molecular epidemiology and molecular genetics aimed at the identification of determinants of influenza virus evolution, species specificity and sensitivity to antivirals. She is the author of over 160 scientific papers. She was awarded the Georges Zermatti price in 2006 and nominated "Chevalier de l'Ordre des Palmes Académiques" in 2009.

Editorial Advisors

Albania: Alban Ylli, Department of Epidemiology and Health Systems, Institute of Public Health, Tirana

Dr Alban Ylli is a health professional with experience in research methods and health prevention strategies. He has studied medicine in Tirana, has achieved a master in Epidemiology of Health Services by Tor Vergata University in Rome and has studied prevention of diseases in Geneva and Oxford Universities for two years. He has a PhD degree and an Associate Professor title by Tirana Medical University.



Dr Ylli has been deputy director for 4 years and later executive director for 3 years of the National Institute of Public Health of Albania. He has been directly involved in the investigation and management of large country epidemics such as cholera (1993), polio (1996) and the H1N1 influenza pandemic. Dr Alban Ylli has worked as part of national expert bodies in the field of vaccination, surveillance of infectious diseases and cancer control. He now teaches health policies and epidemiology at Faculty of Medicine in Tirana, and heads the sector of health policy research in the department of epidemiology and health systems. Dr Ylli is National Focal Point for Non Communicable Diseases in Albania and member of the board of Albanian Journal of Medicine and Health Sciences. His research experience encompasses fields such as surveillance and health information systems, ageing, cancer screening and drug abuse, health determinants and inequalities, and public health training.

Austria: Maria Paulke-Korinek, Ministry of Health and Women's Affairs, Vienna

Maria Paulke-Korinek graduated from Medical University of Vienna, Austria, in 2005 and afterwards was a resident physician at the Department of Specific Prophylaxis & Tropical Medicine, Medical University Vienna, in the working group “Epidemiology and Travel Medicine”. Her focus was on the epidemiology of vaccine-preventable diseases, the evaluation of vaccination recommendations and the effects of vaccination programs. She was also working in numerous clinical trials investigating vaccines and seroprevalence studies evaluating protection after vaccinations, for example with hexavalent paediatric vaccines, tick-borne encephalitis vaccines, pandemic vaccines and vaccines against Japanese Encephalitis. After her diploma in tropical medicine from the Bernhard Nocht Institute for Tropical Medicine, Hamburg, Germany, in 2010, she became a specialist for specific prophylaxis and tropical medicine accredited by the Austrian Medical Association. Maria finished her PhD studies at the Medical University Vienna in 2011 with her doctoral thesis on ‘Vaccination recommendations and epidemiology of vaccine-preventable diseases in Austria’. She habilitated in 2014 investigating the effects of the Rotavirus national immunization program in Austria. Since April 2015, she has been the head of the Department for Vaccines at the Austrian Ministry of Health and Women's Affairs. She has published 25 articles in peer-reviewed journals, contributed to 8 reviews and book chapters and has reviewed articles for 10 scientific journals.



Belgium: Koen de Schrijver, Flemish Agency of Public Health, Antwerp

Koen De Schrijver studied medicine at the University of Leuven (1975). He has a master's degree in social medicine (KUL): industrial medicine 1980 (KUL), Public health 1979 (KULeuven), and environmental medicine 1983 (University of Antwerp). He also completed additional training in epidemiology. In 2004, he graduated from the University of Antwerp with his PhD on "Evaluation of outbreak investigation and surveillance of infectious diseases".



He worked from 1980 to 2015 as a public health physician at the Flemish Government in infectious disease control.

In 2005 after his PhD, he had an appointment as professor in Prevention of Infectious diseases. Since 2012 he is professor of infectious diseases epidemiology at the University of Antwerp in the master of epidemiology. His main research field is outbreak investigations of infectious diseases. Since 2015 he works fulltime at the University of Antwerp.

He has authored various publications in which the aspects of the epidemiology of infectious diseases were addressed (transmission of infectious diseases, pathogenicity, virulence and source detection and control of outbreaks).

Belgium: Tinne Lernout, Scientific Institute of Public Health, Brussels

Tinne Lernout is an MD with a specialization in tropical medicine and a master's degree in Public Health. She started her career as a general practitioner in Belgium. Between 1997 and 2000, she worked for NGOs (MSF and Concern Worldwide) in public health development projects in Rwanda. Since 2002, she has been working as an epidemiologist in different institutions, namely the Scientific Institute of Public Health (WIV-ISP) in Belgium, the French Institute of Public Health (InVS/Santé publique France) in Mayotte, a French overseas department, and the Centre for the Evaluation of Vaccinations at the University of Antwerp, Belgium. She has experience in surveillance, field epidemiological investigations and outbreak control in the area of infectious diseases, mainly in the area of vaccine preventable diseases and vector-borne and zoonotic diseases. She has also been involved in the planning, implementation and scientific validation of several studies, including vaccination coverage surveys and seroprevalence studies. She is currently employed as an epidemiologist at the WIV-ISP, where she is in charge of the coordination of the unit “Environmental related infectious diseases”, with a special focus on tick-borne diseases.

Bosnia and Herzegovina: Sanjin Musa, Ministry of Health of the Federation of Bosnia and Herzegovina, Sarajevo

Dr Sanjin Musa is a medical doctor and a specialist in epidemiology. He attended Faculty of Medicine University of Sarajevo, where he received an M.D. in 2005, Master's Degree in 2013 and a PhD in 2016. He received a Fogarty scholarship in 2013 and spent one semester at the University of Iowa. He works as an epidemiologist at the Institute for Public Health of the Federation of Bosnia and Herzegovina. His research interests include epidemiologic methodology and biostatistics, immunization, child and adolescent health, global health.



Bulgaria: Iva Christova, National Center of Infectious and Parasitic Diseases, Sofia

Dr Iva Christova is Professor of Microbiology at the National Centre of Infectious and Parasitic Diseases in Sofia. She is a specialist in vector-borne diseases – epidemiology, laboratory diagnosis, and clinical manifestations. For many years, she was working on Lyme borreliosis, human granulocytic anaplasmosis, Crimean-Congo haemorrhagic fever, haemorrhagic fever with renal syndrome, West Nile fever and emerging vector-borne infections as well as leptospirosis and listeriosis. The main goals were optimizing diagnostics and elucidation of ecology, epidemiology and immunology. As a visiting researcher, she has done scientific work in Germany, The Netherlands and USA.



At present, she is the Bulgarian National Microbiology Focal Point.

Croatia: Sanja Music Milanovic, Croatian National Institute of Public Health, Zagreb

Ass.prof. Sanja Music Milanovic, MD, MPH, PhD is a specialist in epidemiology and Head of Health Promotion Division at the Croatian Institute of Public Health and Head of Reference Center for Health Promotion of the Ministry of Health of the Republic of Croatia. She graduated from Medical School, University of Zagreb, in 1993. From 1997 to 1999 she attended international postgraduate study for a Master in Public Health Methodology at Université Libre de Bruxelles, Faculté de Médecine, Ecole de Santé Publique, and in 1999 received the Master of Science degree. She received her PhD degree at Medical School, University of Zagreb, in 2010 with the thesis entitled “Demographic, behavioral and socio-economic determinants of obesity in adults in Croatia”. She teaches at the Medical School of the University of Zagreb at Department for Medical Statistics, Epidemiology and Medical Informatics. Her main field of interest is obesity prevention.



Cyprus: Maria Koliou, Directorate of Medical and Public Health Services, Nicosia

Dr Maria Koliou has worked in Cyprus at the Government Health Services since 1991 as a Consultant in Paediatrics and Infectious Diseases.

Since 2011, she has also worked at the Unit for Surveillance and Control of Communicable diseases of the Medical and Public Health Services of the Ministry of Health where she is the National coordinator and also the NFP for Vaccine Preventable diseases, for Preparedness and Response, for Influenza, for Public Health Training, for Vector borne diseases, for food and waterborne diseases and alternate the NFP for Threat detection and for Zoonoses.



During the Ebola epidemic Dr Koliou was the scientific coordinator of the National committee coordinating the preparedness and response of Cyprus to the epidemic.

For the last 4 years she has been awarded the title of Associate Professor at the St George's , University of London Medical Program in Cyprus. She has published more than 30 articles in International scientific journals.

Dr Koliou's research interests include the zoonoses, mainly those endemic in the Mediterranean basin, the Immunology, pathogenesis and resistance of *Streptococcus pneumoniae*, the epidemiology of antimicrobial resistance in general and the management and prevention of hospital acquired infections.

Czech Republic: Jan Kynčl, National Institute of Public Health, Prague

Jan Kyncl has been based at the Dept. of Infectious Disease Epidemiology, National Institute of Public Health in Prague since 1998, and currently serves as its Head. He received his Diploma MD and PhD degree in preventive medicine from the Third Faculty of Medicine, Charles University in Prague and postgraduate diploma in public health and epidemiology from the Institute for Postgraduate Medical Education in Prague.



He is a member of the European Influenza Surveillance Network (EISN, formerly EISS) and alternate member of the European Commission Health Security Committee where he represents the Czech Republic. He is also a member of the European Centre for Disease Prevention and Control (ECDC) Advisory Forum.

In the Czech Republic, he holds a number of positions in public health and epidemiology. He is a member of the Central Epidemiological Committee and a member of the Chief Medical Officer's Advisory Committee for Epidemiology. Within the Czech Medical Society J.E.Purkyne, he is a member of executive board of Czech Vaccinological Society as well as a member of executive board of Society for Epidemiology and Microbiology. Since 2007, he has been a part-time senior lecturer at the Dept. of Epidemiology, Third Faculty of Medicine, Charles University in Prague. He is the author of more than 50 papers and 1 monograph.

Denmark: Peter Henrik Andersen, Statens Serum Institut, Copenhagen

Peter Henrik Andersen was trained as a physician and in public health and holds a specialist diploma in both fields. He has been working in the Department of Infectious Disease Epidemiology and Prevention at Statens Serum Institut since 2000, since 2004 as a senior medical officer.



He is the editor of the national epidemiological bulletin "EPI-NEWS" and has a special interest in the field of vaccine-preventable diseases. In that capacity, he is an expert member of the National Immunization Technical Advisory Group (NITAG) under the Danish Health Authority and is leading the Vaccination Committee at Statens Serum Institut.

He is responsible for updating national guidelines for preventing infectious diseases in travelers and is leading the call centre in the Department of Infectious Disease Epidemiology and Prevention giving oral and written advice to health care personnel on the use of vaccines as well as in the prevention and control of infectious diseases.

Parallel to his work in the field of infectious diseases epidemiology and public health he has kept a link to the clinical field and currently is a part time consultant at the emergency department of a major Copenhagen hospital.

Finland: Outi Lyytikäinen, National Institute for Health and Welfare, Helsinki

Outi Lyytikäinen is trained in clinical infectious diseases and a graduate of the European Program for Intervention Epidemiology Training (EPIET), assigned to Robert Koch Institute, Berlin, Germany, 1995-1997. She is currently the deputy head of the unit of Epidemiologic Surveillance and Response at the National Institute for Health and Welfare (THL), where she has led the Finnish National Hospital Infection Program (SIRO) since 1998. In the unit she is also leading the training and communication activities. Her research interests include healthcare-associated infections, invasive bacterial infections, and antimicrobial resistance. She has published more than 100 papers in peer-reviewed scientific journals.



Germany: Jamela Seedat, Robert Koch Institute, Berlin

Dr Jamela Seedat studied medicine in Berlin and accomplished an internship in the department of paediatrics at the Charite in Berlin, where apart she had a special interest in endocrinological disorders in children and participated in an outpatient clinic. Whilst working as an intern she also started working on her PhD thesis, which involved studies on the Vitamin-D-receptor gene-polymorphism in connection with bone density. She completed her PhD in 1996 and continued to work in the field of occupational medicine at the Federal Institute for Occupational Safety and Health (BAuA).



Looking for a new challenge, Dr Seedat moved to South Africa, first working as a senior clinical research associate for a biopharmaceutical service company (Quintiles) and later on accepting an offer to work at the Medical university of South Africa (MEDUNSA). During her time at MEDUNSA she worked in the department of medical microbiology and apart from clinical work, which involved working with many patients suffering from HIV and Tuberculosis, was committed to teaching medical students and participating in clinical trials.

Dr Seedat achieved a diploma tropical medicine and hygiene after a one year course at the University of Witwatersrand in Johannesburg South Africa.

Her next career stop took her back to Germany where she continued work as a microbiologist in the department of microbiology at the University of Kiel. She also began working in a travel-clinic using the experience gained in South Africa and the knowledge accumulated with the diploma in tropical medicine. In 2007, she passed the exam of specialisation in medical microbiology and hygiene.

Dr Seedat currently works at the Robert Koch-Institute in Berlin as the editor of the “Epidemiological Bulletin”. She have been an editorial advisor for *Eurosurveillance* since 2007.

Greece: Rengina Vorou, Hellenic Center for Diseases Control and Prevention, Athen

Rengina Vorou is a Medical Biopathologist (Microbiologist), DTM&H (Lond. 2001), PhD. She is Head of the Office for Strategic Development and Policies of the Hellenic Center for Disease Control and Prevention. She has been trained in Biopathology (Microbiology) in Greece and additionally in Clinical Microbiology, in the Leicester Royal Infirmary Clinical Microbiology and Public Health Laboratory, in the UK, for two years (2000-2001), and in Tropical Medicine and Hygiene, in the London School of Hygiene and Tropical Medicine, and in the Sheffield Unit for Infectious Diseases (DTM&H, 2001 by the Royal College of Physicians) and she has obtained her diploma in Public Health in the National School of Public Health. She has been employed in the Department of the Epidemiologic Surveillance and Intervention of the Hellenic Center for Disease Control and Prevention, Athens, Greece, since 2002, she has been Head of the Unit for Zoonoses and Foodborne Diseases, in the Hellenic Center for Disease Control and Prevention (HCDCP), Ministry of Health and Social Solidarity, Athens, Greece, and from October 2007 to October 2008 Head of the Department of Epidemiologic Surveillance and Intervention of the same institution. She has fostered intersectoral joint surveillance for specific zoonoses in Greece.



Dr Verou has Teaching experience in graduate and post-graduate training in epidemiology, surveillance and control of communicable diseases. She has been a participant and coordinator of national and international research projects on zoonoses and national advisory bodies on vector borne diseases and author and co-author of several international publications in peer-reviewed journals, and numerous presentations in National and International conferences. She is a member of the Editorial Board of the Bulletin of the Hellenic Center for Disease Control and Prevention (HCDCP) and a reviewer in several international journals of public health, epidemiology and infectious diseases.

Hungary: Ágnes Hajdu, National Center for Epidemiology, Budapest

Dr Ágnes Hajdu is a medical doctor specializing in Public Health and Preventive Medicine working at the National Center for Epidemiology in Budapest, Hungary. Her main interest is in hospital epidemiology, hospital hygiene and infection control. Among other tasks, she is responsible for the national level surveillance of healthcare-associated *Clostridium difficile* infections, and actively contributes to the development of various national recommendations for the prevention of healthcare-associated infections (e.g. caused by multidrug-resistant organisms, or related to dialysis settings) in Hungary. Dr Hajdu also took part in the planning, implementation and data validation of the first ECDC point-prevalence survey on healthcare-associated infections and antimicrobial use in Hungary, as well as in launching national data collection for the European Surveillance of Antimicrobial Consumption Network (ESAC-Net). She is an alumna of the European Programme for Intervention Epidemiology Training (EPIET), for which she was seconded to the Department of Infectious Disease Epidemiology at the Norwegian Institute of Public Health in Oslo (2005-2007), and served as 2013 international ambassador of the Society for Healthcare Epidemiology of America (SHEA).

Ireland: Lelia Thornton, Health Protection Surveillance Centre, Dublin

Dr Lelia Thornton is a medical doctor and Specialist in Public Health Medicine at the national centre for surveillance of infectious diseases in Ireland (Health Protection Surveillance Centre (HPSC)). She leads the hepatitis division in HPSC, with responsibility for national coordination of viral hepatitis surveillance, and is a member of the editorial team for the HPSC monthly infectious diseases bulletin. She is project coordinator for the National Hepatitis C Database for infection acquired through blood and blood products.



She is a member of the ECDC Hepatitis B and C Coordination Committee and the Viral Hepatitis Network.

Dr Thornton is a member of the Programme Advisory Group for the National Hepatitis C Treatment Programme, and also a member of the National Hepatitis C Strategy Implementation Committee and the National Committee for the Prevention of Bloodborne Diseases in the Healthcare Setting.

Dr Thornton is a trainer in public health medicine with the Royal College of Physicians of Ireland Faculty of Public Health Medicine and has been a supervisor for several Fellows in the EPIET Programme.

Italy: Paola De Castro, Istituto Superiore di Sanità, Rome

Paola de Castro has been the Director of the Publishing Unit of the Istituto Superiore di Sanità, the National Institute of Health in Italy since 2005. She is an active supporter of science communication to different stakeholders, scientific integrity, open science, health information literacy, and gender equity in research and promotes and carries on multidisciplinary research, cooperation and training for public health, mainly focused on communication, dissemination and use of health care information addressed to different targets in Europe, Latin America, Africa. She takes part and organizes conferences, workshops, exhibitions, science festivals and training courses on general and specific health-related issues, addressed to both researchers and the general public, including students.



De Castro is responsible for training in communication within the CASA project in Ethiopia (2014 ongoing); Co-Chair of Gender Policy Committee of the European Association of Science Editors; Responsible for School work alternating System at ISS; Italian coordinator of the E-Bug project; and the Coordinator of the EU FP7 Project NECOBELAC (2009-2012), a network of academic and research institutions in Europe and Latin America involved in research and training in scientific writing and open access publishing. She is also a member of the Italian task force of the FP7 MedOAnet project (2001-2013) in support of Open Access policies in Southern Europe; responsible of the Dissemination Unit of the Progetto Nazionale Amianto (National Asbestos Project) financed by the Italian Ministry of Health (2013-2014); responsible for projects of historical heritage in public health (history of public health; preservation of scientific instruments, oral memories, pictures).

A Council member of the European Association of Science Editors (EASE), and co-chair of the EASE Gender Policy Committee; De Castro is also a country representative of HIFA2015 (Health Information for all by the year 2015; a member of the European Association of Health Information and Libraries (EAHIL), the Associazione Italiana Biblioteche (Italian Library Association, AIB) and AISA (Italian Association for the Promotion of Open

Science). De Castro is on the editorial boards of *Annali dell'Istituto Superiore di Sanità*, *Eurosurveillance*, *European Science Editing*, *Open Journal of Bioresources*, *Revista CONAMED*, *Rare journal*, *Notiziario dell'Istituto Superiore di Sanità*, *I beni storico scientifici dell'Istituto Superiore di Sanità*, *Dispense per la Scuola*, *Rapporti ISTISAN*, and *Istisan Congressi*. A selected list of her publication is available from:
http://www.iss.it/site/attivita/ISSWEB_istituto/RicercaPersonale/dettaglio.asp?idAna=1070&lang=1

Latvia: Dzintars Mozgis, Centre for Disease Prevention and Control, Riga

Dzintars Mozgis was born in Auce, Latvia on 14 July 1958.

He graduated from the Riga Medical Institute faculty of paediatrics in 1982 as a medical doctor and started work as a paediatrician. After postgraduate training in paediatric surgery in 1987 he worked at University Children`s Hospital as a paediatric surgeon. In 1990 he visited and practiced in Moscow Research Institute of Paediatrics and Paediatric Surgery, in 1992 in University Hospital Eppendorf,



Hamburg, in 1993 in University Hospital Benjamin Franklin, Steglitz, Berlin and Rudolf-Virchow-Kinderkrankenhaus, Wedding, Berlin. In 1994 and 1995 he took part in in-service training courses in healthcare management held by American International Health Alliance (AIHA). From 1995 till 2010 he was the CEO of the University Children`s Hospital in Riga. Dr Mozgis completed his doctoral studies in 2002 and got a PhD in 2004; in addition he worked part-time in the Riga Stradins University department for Public Health and Epidemiology as a lecturer from 2001, assistant professor from 2005 and associate professor from 2009. From 2013 until now he is the Deputy Director for epidemiological safety and development in the Centre for Diseases Prevention and Control, Latvia. He has about 50 publications. In the recent time his interests are more related to antimicrobial resistance, health care and public health management, child injuries and medical history.

Lithuania: Saulius Caplinskas

Saulius Caplinskas is qualified as a Doctor of *Medicine and Doctor of Philosophy*. He is the Director of the Centre for Communicable Diseases and AIDS in Lithuania, Professor of the Educology and Social Work Institute at the Mykolas Romeris University, ECDC Management Board Alternate, Member of the Expert Group on HIV/AIDS and Associated Infections of the European Commission Northern



Dimension Partnership in Public Health and Social Well-being; Member of the HIV/AIDS Think Tank at the European Commission; WHO National Technical Contact Alternate for Communicable Diseases, and UNAIDS international expert. Dr Caplinskas has done apprenticeships in the United States, Scandinavia and other European countries, at the most famous scientific and practical institutions. He is the author and co-author of a number of monographs, methodical recommendations, scientific articles and publications. His specific interest fields are HIV / AIDS diagnosis, prevention, surveillance; social determinants of health; HIV prevention in target groups; public health management, communication with the public; development of the national surveillance system for communicable diseases; national outbreak response coordination for current and emerging infections; emergency planning for influenza; national trainings of medical professionals; and scientific advice for decision makers and the public.

The Former Yugoslav Republic of Macedonia: Aziz Pollozhani, Institute for Public Health of Republic of Macedonia, Skopje

Professor Pollozhani has a specialization and subspecialisation in surgery and vascular surgery. As a holder of several public functions in the last decade, he began to monitor health policies and health systems which has become his main area of interest in the context of public health policies. He is teaching Public Health at the State University in Tetovo and the University of Southeastern Europe where he is mentoring the Master's program in Health Management. The Institute of Public Health of the Republic of Macedonia is responsible for the department of bioethics and patient rights. Until now he had participated in the various research and educational projects in the country and internationally.



Professor Pollozhani is the author and co-author of several books and scientific papers in the field of surgery and public health. From 2012 he is the Chief Editor of the *International Medical Journal Medicus*, issued in Skopje and is a member of the Editorial Board of *Vox Mecici*, Founded by Medical Doctors Chamber of Republic of Macedonia, a member of the Editorial Board of the Public Health Journal *Archives of Public Health* founded by the IPH of Republic of Macedonia. He is also a member of EUPHA, WFPHA, BENA and a member of the steering committee of ETINED, Council of Europe - Strasburg.

Malta: Tanya Melillo Fenech, Superintendence of Public Health,
Ministry of Health, the Elderly and Community Care, Msida

Tanya Melillo is a medical doctor who pursued her studies with a Masters in Health Services Management/Public Health and PhD in Public Health. She has been heading the infectious disease prevention and control unit in Malta for the past 9 years. She is a lecturer at the University of Malta and lectures on disaster management, health management and infectious diseases. She is responsible for migrant health in her country and presently is working on a migrant health strategy. She is also responsible for preparing all health's preparedness and response plans related to biological agents and generic preparedness. She is a member of the royal society of public health and of the faculty of public health.



Montenegro: Senad Begić, Institute for Public Health of Montenegro, Podgorica

Senad Begic is an enthusiastic, committed, creative and passionate epidemiologist, on a mission to bring health, sustainability, progress and equality throughout the world. He is currently working as National EPI manager and head of the immunizations department in the Centre for Disease Control and Prevention of the Montenegrin Institute for Public Health where he is in charge of various issues regarding the national immunizations programme, and also of issues related to vaccines and epidemiology, vaccine preventable diseases research, surveillance, investigations, analysis and reporting.



In special focus of his research are factors influencing vaccine coverage, attitudes towards vaccines as well as knowledge on prevention and health related behaviour among hard to reach populations.

Senad is a fellow in research ethics at the Icahn School of Medicine at Mount Sinai, New York and at the same time, he serves as the member of Committee for quality improvement at School of Medicine University of Montenegro and some other National committees and work groups such as National Immunization Technical Advisory Group (NITAG), Work groups on causality assessment of adverse effects following immunizations (AEFI) and others.

Portugal: Paulo Jorge Nogueira, Directorate General of Health, Lisbon

Paulo Jorge Nogueira is currently the Director of the Directorate of Analysis and Information of the Directorate-General of Health (DGS) of the Portuguese Ministry of Health, and is a member of the of the Portuguese Statistical Council. He has a PhD in International Health (Health and Development Policies). His background is applied mathematics with a degree and a MSc in Probabilities and Statistics. He is also currently Invited Assistant Professor at the Faculty of Medicine of the University of Lisbon where he teaches Biostatistics and Epidemiology. In his tenure at DGS he has revived the original institutional scientific review “Saúde em Números” that was originally published from 1987 to 2000, now renamed as “Portugal Saúde em Números”/”Health by Numbers Portugal” issued both in Portuguese and English.



Romania: Daniela Pitigoi, National Institute for Infectious Diseases 'Prof.Dr.Matei Bals', Bucharest

Professor Daniela Pitigoi has extensive experience in the management of public health projects and over 20 years of experience as an epidemiologist, with practical involvement in influenza, health care associated infections, surveillance of communicable diseases at the national level, vaccinations, field investigations and outbreak management in Romania. She was involved in high-level positions in the development of the Romanian communicable diseases



surveillance and control system (in the position of Counsellor of the General Department of Public Health of the Ministry of Health, Manager of the National Immunisation Programme and Director of the Department of Preventive Medicine of the Romanian Ministry of Health).

She has acquired practical experience in redesigning the communicable diseases surveillance and control system for Romania through her work as national team leader for the PHARE project “Improving the System for Epidemiological Surveillance and Control of Communicable Diseases in Romania” (2003-2004) and for the project PHARE Project Ro - 2002/000-586.04.11.01: Restructuring of the Romanian Network of HIV/AIDS Regional centres (2005-2006).

Professor Pitigoi also worked for the John Snow Research and Training Institute (JSI): Romanian Family Health Initiative Project – avian influenza component (2007-2008) to draft avian influenza related policies and activities and develop the field epidemiology and surveillance training courses for epidemiologists, microbiologists and veterinarians.

As a WHO consultant she supported the Ministry of Health to Assess the Romanian (2001) and Moldavian (1999) surveillance system for communicable diseases. She has been lecturer at the Epidemiology Department of the University of Medicine and Pharmacy “Carol Davila” of Bucharest, Romania since 2002 and associate professor since February 2015.

She was an alternate member of the ECDC management board for 2 years and has been member of the *Eurosurveillance* editorial board from February 2009.

Sweden: Anders Wallensten, Folkhälsomyndigheten, Stockholm

Anders Wallensten is a medical doctor by training and a specialist in family medicine who currently works as Assistant State Epidemiologist at The Public Health Agency of Sweden. At the agency, he works with surveillance related activities such as outbreak investigations, risk evaluation and communication. He is an alumni of the European Program for Intervention Epidemiology Training and an assistant professor (docent) at Uppsala University.

His research interest mainly concern the epidemiology of zoonotic infections.



Turkey: Fehminaz Temel, Public Health Institution of Turkey, Ankara

Dr Fehminaz Temel holds a medical degree from the Medical School of the Mediterranean University in Antalya, Turkey. After graduation she has worked as a general practitioner for 9 years and started public health specialty training in 2003 and received her Public Health Specialization (PHS) certificate from the Department of Public Health, Medical School of the Hacettepe University, in Ankara Province, Turkey in 2008. While obtaining her medical degree, she worked as a research assistant in Hacettepe University.



After receiving her PHS certification, she started the Epidemiology Fellowship program and completed the program as an epidemiologist in 2010.

Dr Temel worked in the Ministry of Health of Turkey as a Public Health Specialist and an epidemiologist in the Epidemiology Unit until 2012. She have been working as the director of Turkey Field Epidemiology Training Program at the Early Warning-Response and Field Epidemiology Department which was established in March, 2012 in the Public Health Institution of Turkey in the Ministry of Health.

Her fields of expertise include: Epidemiology, outbreak investigations, early warning and response, communicable disease surveillance, and vaccination programs.

United Kingdom: Nick Phin, Public Health England, London

Professor Nick Phin has been Acting Director of the Centre for Infectious Disease Surveillance and Control, Public Health England, Colindale, London for nearly three years. The Centre covers all aspects of infectious disease response and provides advice and information on infectious diseases locally, nationally and internationally. He is also the IHR National Focal Point and ECDC Focal Point for a number of areas. Professor Phin was acting Head of department for



Respiratory Diseases at CIDSC before his current position and still remains involved and keenly interested in influenza (avian, seasonal and pandemic) and Legionnaires' disease. He led the Legionella Surveillance and Respiratory section for a number of years and has contributed at national and international level in flu and legionella since 2007.

Professor Phin joined the Health Protection Agency in 2002 as a Consultant in Communicable Disease Control to pursue an interest in respiratory diseases. After completing his public health training in 1991, he worked as a Director of Public Health in England and Wales for a number of years before joining the Health Protection Agency. He graduated from Glasgow University in medicine.