

*Infection and Immunity in Children*



10th Anniversary of the  
ESPID - Oxford Course



UNIVERSITY OF  
**OXFORD**



# Welcome

Dear Delegate,

**Welcome to “Hot Topics in Infection and Immunity in Children 2012”, and a warm welcome to Keble College and to Oxford.**

We have put together a very exciting programme with leading experts from around the world to update us on the latest developments in the field. This is a very special year as we are celebrating our ‘Decennial’. To commemorate this 10th annual Oxford IIC Course we have a few surprises lined up [and we don’t just mean Andy’s dancing on Tuesday night – editor’s comment from Nigel].

Despite the long line up of distinguished speakers, the course is really about you and we urge your active participation in all of the interactive sessions to provide your knowledge and comments about the topics under review. We hope too that you will relish your duty to extend the educational opportunity by putting questions to the speakers after each talk, in order to extract the most from them and justify their travel expenses!

In order to bring you such a comprehensive course programme, and provide maximum value for the 3 days away from work, we have left a minimum amount of time in the daily schedule and it is, therefore, vital that you attend all sessions and mealtimes promptly. The speakers have been asked to keep strictly to time.

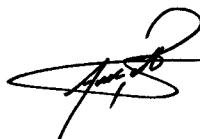
We will be filming all 3 days of the course and the webcast will be used as a resource for the Postgraduate Diploma in PID.

The course reception, buffet dinner and dancing is on Tuesday evening at the Ashmolean Museum, Beaumont Street (there is a map in your pack). There will be plenty of time for relaxation and opportunity to chat further with the Speakers in the evenings, when the college bar will be open. If you are staying over on Wednesday night, you will find an abundant selection of restaurants and cafes in the centre of Oxford to meet your needs as dinner will not be in college.

Delegates staying in college will be served breakfast in the dining hall. Please be prompt for all meal times as service will only take place over the first 25 minutes of each break. Residential delegates are asked to vacate their rooms and return their keys to the Porters’ Lodge by 10am on the day of their departure. Effectively this means checking out after breakfast, before the first session as there will not be sufficient time once the day’s talks begin. There will be provision for the safe storage of luggage on the day of your departure and a porter is on duty 24 hours a day.

We have done our best to accommodate everybody on the course according to the information we have been given. If there is anything we have over-looked, please do not hesitate to let us know via the Conference Information Desk.

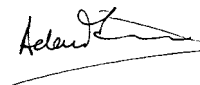
**We look forward to meeting each of you during the next three days.**



Andrew Pollard



Ronald de Groot



Adam Finn



Nigel Curtis



Ulrich Heininger



Simon Dobson



Sue Sheaf

## IIC Course Organising Team



**Andrew J Pollard** is Professor of Paediatric Infection and Immunity at the University of Oxford, Director of the Oxford Vaccine Group, James Martin Senior Fellow, Jenner Institute Investigator, Fellow of the Infectious Disease Society of America, Fellow of St Cross College and Honorary Consultant Paediatrician at the Children's

Hospital, Oxford, UK. He obtained his medical degree at St Bartholomew's Hospital Medical School, University of London in 1989 and trained in Paediatrics at Birmingham Children's Hospital, UK, specialising in Paediatric Infectious Diseases at St Mary's Hospital, London, UK and at British Columbia Children's Hospital, Vancouver, Canada. He obtained his PhD at St Mary's Hospital, London, UK in 1999 studying immunity to *Neisseria meningitidis* in children and proceeded to work on anti-bacterial innate immune responses in children in Canada before returning to his current position at the University of Oxford, UK in 2001. He chaired the UK's NICE meningitis guidelines development group, and chairs the NICE topic expert group developing quality standards for management of meningitis and meningococcal septicaemia. He sits on the Department of Health committee that considers use of meningococcal vaccines. He runs one of the largest paediatric research groups in the UK with over 80 staff. Current research activities include clinical trials of new and improved vaccines for children, surveillance of invasive bacterial diseases in children in Nepal, studies of cellular and humoral immune responses to glycoconjugate and typhoid vaccines, and development of a serogroup B meningococcal vaccine.



**Adam Finn** is Head of the Academic Unit of Child Health at Bristol Medical School, School of Clinical Sciences, University of Bristol and an honorary consultant in paediatric infectious diseases and immunology at Bristol Royal Hospital for Children. He is director of the South West Medicines for Children Research Network and heads the Bristol Children's Vaccine

Centre. His main research interests include mucosal immunology relating to bacterial vaccines, in particular pneumococcus and clinical trials of vaccines and medicines in children.



**Nigel Curtis** is Professor of Paediatric Infectious Diseases at the University of Melbourne and Head of Infectious Diseases at the Royal Children's Hospital Melbourne. He is also Leader of the Microbiology & Infectious Diseases Research Group at the Murdoch Children's Research Institute. He trained in Cambridge, London and Vancouver, and spent a

recent sabbatical period in Cape Town, South Africa. He has a wide range of clinical and laboratory research interests focusing on the immune response to infectious diseases. Current research projects include studies of the immune response to BCG vaccine, the immunodiagnosis of tuberculosis, and host-pathogen interactions in staphylococcal and streptococcal disease including DNA microarray-based studies of gene expression in acute rheumatic fever.



**Ronald de Groot** studied medicine in Rotterdam, followed by a residency in Gynecology/Obstetrics and Surgery as a preparation for a 2½ year period as Senior Medical Officer in Zonkwa Hospital, Nigeria. He did his pediatric training in Rotterdam, became chief resident followed by a 3 year research fellowship in PID in the University

of Washington, Seattle. In 1988 he returned to the Erasmus University in Rotterdam and became head of the training program and Professor in PID and Immunology. He was chairman of the Dept of Paediatrics of the Radboud University Nijmegen Medical Centre from 2005-2009. As Professor in Pediatrics, his research activities cover several themes including the study of respiratory tract infections, the molecular pathogenesis of infections by *S. pneumoniae*, *Neisseria meningitidis* and HIV and clinical and translational research in children with immunodeficiencies and has authored 250 peer-reviewed English language papers. Ronald is currently President of ESPID, member of the Dutch Health Council and member of the Central Committee of Medical Research in the Netherlands.

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**Simon Dobson** is a Clinical Associate Professor at the University of British Columbia and an attending physician in PID at BC's Children's Hospital, Vancouver. He trained in Pediatrics in the UK and in PID at Baylor College of Medicine, Houston. His current research interests are clinical vaccine trials, especially in the pre-teen and adolescent age group, and vaccine adverse events.

He works at the Vaccine Evaluation Center, BC's Children's Hospital and is a member of the National Advisory Committee of Immunization.



**Ulrich Heininger** has been in charge of the Division of PID and Vaccinology at the University Children's Hospital in Basel, Switzerland, since 1998. Previously, he was working in the field of PID at the University of Erlangen, Germany. He has conducted several vaccine studies as study coordinator and principal investigator in the recent

past. His clinical work is in the fields of general paediatrics and ID. He is also one of the founding members of "The Brighton Collaboration", an international collaboration of volunteers aiming at standardization of adverse events following immunization. In Switzerland, he is one of the 7 scientists running the INFOVAC service, a nationwide information network for vaccine related questions raised by physicians in private practice. He was President of ESPID 09-12.

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**Sue Sheaf** has been organising events in the University of Oxford Department of Paediatrics since 2004. The main focus of her role is organising all aspects of IIC. Other events include the annual Oxford Vaccine Group Immunisation Seminar which provides an update for practice nurses and GPs, a bi-annual training event in Kathmandu

for Nepali GP trainees, as well as other training and social events. Her interests also lie in design and she recently led the re-design of the OVG website and the branding of the group.

## Supporters and Sponsors



Supported by the European Society for Paediatric Infectious Diseases

In association with the University of Oxford Department of Paediatrics  
and

British Paediatric Allergy, Immunology and Infection Group

Supported by unrestricted educational grants from the following sponsors:



## IIC History

Hot Topics in Infection and Immunity in Children arose from discussions in 2002 between Andrew J Pollard and George McCracken about the successful programme George runs for trainees in North America. The aim of the Espid-Oxford Course is to provide both basic information and updates in key areas of paediatric infectious disease. The course is designed with trainees in mind but also receives excellent feedback from senior specialists.

### Course Philosophy

- Course Faculty drawn from credible international authorities on aspects of paediatric infectious disease
- Collegiate atmosphere
- Audience participation and interaction
- Value for money – delegates pay only 60% of actual cost, making it accessible for trainees
- Organisers take account of course feedback to improve future courses
- Emphasis on hot topics and information for trainees

### Training Objectives

- Provide information on expert approach to management for children with acute and chronic infections
- Updates on hot topics in paediatric infectious disease and immunology
- European PID training programme topics included in the course programmes

### Over 9 years there have been:

1 708 delegates

295 speakers

1 73 hours of training

398 bursaries awarded

38 countries represented (average) each year

50% of delegates are ESPID members

Over 60% of delegates are trainees



## Keble College

Keble College opened in 1870 and was the first new college to be established in Oxford for nearly two centuries. The college was founded in memory of John Keble (1792-1866), a founding member of the so-called 'Tractarian' movement which sought to recover the catholic heritage of the Church of England. Funding for the college was sought from Tractarian sympathisers, including the benefactor of the chapel, William Gibbs, whose family's fortune was based on Peruvian bird droppings, a valuable fertiliser! It was the wish of the founders in 1870 to extend access to the University more widely and the college has always had a reputation for being friendly and inclusive.

Keble's distinctive redbrick architecture is the work of William Butterfield, a leading proponent of the modern Gothic style, and the college chapel is generally regarded as a masterpiece. But it is perhaps the grandeur of scale and the architectural unity of the original college buildings as a whole that are most striking. The equally bold buildings by Ahrends, Burton and Koralek, opened in 1977 have supplemented Butterfield's architecture. The latest addition to the college is the Sloane Robinson Building, which opened in October 2002.

Although originally intended for 'gentleman wishing to live economically', the college began to admit women undergraduates from 1979 and elected its first female Warden in 1994. Originally dominated by those intending a career in the Church, it now admits students for the full range of subjects and sends them forth to just about every conceivable career. Keble now has 440 undergraduates and 160 graduate students and is among Oxford's largest colleges. Its students come from a great variety of social and educational backgrounds and from diverse parts of the UK, Europe and further overseas. It is noted for both its academic and sporting successes and its music, notably the Chapel Choir which is among some of the best in Oxford.

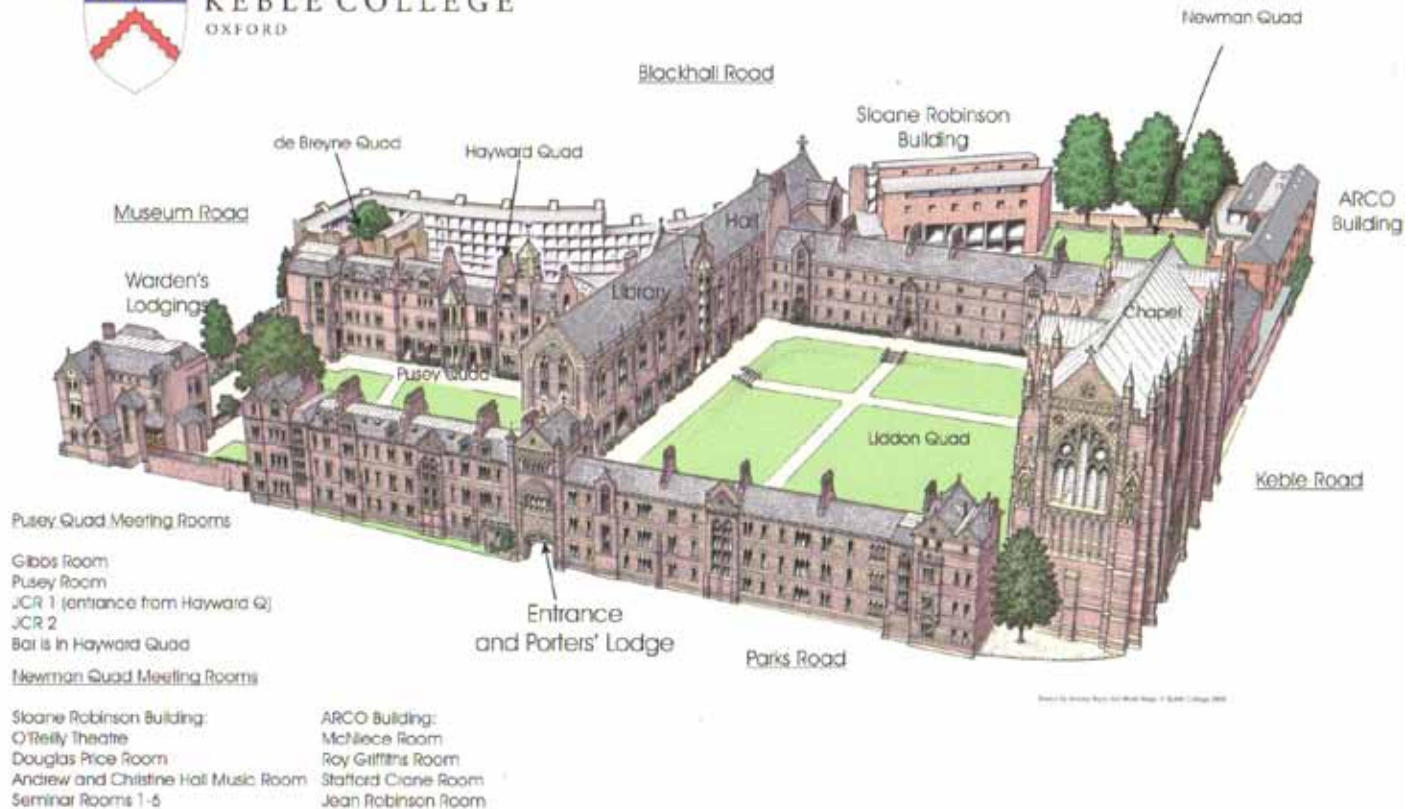
The Sloane Robinson Building and the Arco Building have both won awards for being very environmentally friendly. Neither building has any heating or air-conditioning as both are climate controlled. Heat exchangers using water circulating in pipes embedded in the foundations draw winter warmth and summer cooling from the water table. Room temperatures are controlled by water circulating in the floor/ceiling slabs. The plumbing system is similar to that found in ships and aircraft in order to reduce water consumption.







**KEBLE COLLEGE**  
OXFORD



### Directions from Keble College to Oxford City Centre:

Exit the College at the main entrance and turn right down Parks Road. Turn right into Broad Street where you will find Blackwells book shop and the tourist information office. Continue along this street which brings you into the heart of the city.

### Useful contacts:

#### Police Station

St Aldates Tel: 01865 841148

#### Post Office

St Aldates Tel: 01865 202863

#### Chemist

Boots, Cornmarket Street Tel: 01865 247461

#### Hospital A&E

John Radcliffe Hospital Tel: 01865 741166

#### NHS Direct

Tel: 0845 4647

#### Dental Emergencies

Tel: 01865 337267/0800 113824 or  
Out of hours: 0845 345 8995

## Course timetable

Monday 25 June 2012		
8.00-9.00	Registration and coffee	Breakfast for Keble residential delegates
9.15-9.30	Welcome	Andrew Pollard Adam Finn Ronald De Groot Nigel Curtis Simon Dobson Ulrich Heining
9.30-10.00	From immunity to implementation science: a perilous African journey of research and discovery	Hoosen Coovadia, South Africa
10.05-10.35	The decade of vaccines	David Salisbury, UK
10.40-11.10	Children and child health: where are we now?	Al Aynsley-Green, UK
11.15-11.45	Coffee	
11.50-12.20	Help! It might be JC or BK virus	Simon Dobson, Canada
12.25-12.55	Rotavirus deployment	Roger Glass, USA
13.00-14.00	Lunch	
14.00-15.00	ID Case Rounds 1	Nigel Curtis, Australia
15.00-15.30	Immunisation in the immunocompromised	Claire-Anne Siegrist, Switzerland
15.35-16.05	Neonatal sepsis - are we making progress?	Barbara Stoll, USA
16.10-16.40	Tea	
16.40-17.10	Acute sinusitis in children: do antibiotics have a role?	Mark Abzug, USA
17.15-17.45	The challenge of enteric fever	Andrew J Pollard, UK
17.50-18.20	What have we learnt about management of bone and joint infection in the last decade	Sheldon Kaplan, USA
18.30	Reception for Diploma students and tutors	
19.30	Dinner at Keble	

Tuesday 26 June 2012		
7.30-8.15	Breakfast for Keble residential delegates	
8.15-9.00	Debate	Andrew Pollard & Adam Finn, UK
9.00-9.30	Eliminating HIV in children, but can we keep their mothers alive?	Hoosen Coovadia, South Africa
9.35-10.05	Antibiotics for AOM: is there still a reason for debate?	Ron Dagan, Israel

10.10-10.40	Which antibiotic for resistant Gram positives and why?	John Bradley, USA
10.45-11.15	Coffee	
11.15-11.45	Undifferentiated fever	Gary Marshall, USA
11.50-12.20	Transcriptional profiling in infectious diseases: ready for prime time?	Octavio Ramillo, USA
12.25-12.55	Flu vaccination in kids: are you kidding?!	Ronald De Groot, The Netherlands
13.00-14.00	Lunch	
14.00-15.00	Infectious Diseases Case Rounds 2	Andrew J Pollard, UK
15.00-15.45	Me and the media	Deborah Hall, UK
15.45-16.15	The Enteroviruses: problems in need of treatments	Mark Abzug, USA
16.15-16.45	Tea	
16.45-17.15	Microbiorhythms I	Nigel Curtis and Ronald De Groot
17.15-17.45	Microbiorhythms II	Andrew Pollard and Adam Finn
19.15	Dinner and dancing at the Ashmolean Museum, Beaumont Street	

### Wednesday 27 June 2012

7.30-8.20	Breakfast for Keble residential delegates	
8.20-8.25	Opening remarks	Course Organisers
8.25-8.55	The how and why of RSV and the what to do	Octavio Ramillo, USA
9.00-9.30	Facial palsy, an infectious disease	Ulrich Heininger, Switzerland
9.35-10.05	Why is Bordetella pertussis still circulating?	Nicole Guiso, France
10.10-10.40	Coffee	
10.40-11.10	HIV is not a paediatric problem	Carlo Giaquinto, Italy
11.15-11.45	It was not always the cat that did it: how to prevent, investigate and treat congenital toxoplasmosis	Florence Robert-Gangneux, France
11.50-12.20	Atypical mycobacteria and immunodeficiency	Jaap van Dissel, The Netherlands
12.25-12.55	TB: when to think of it and what to do when you do	Delane Shingadia, UK
13.00-14.00	Lunch	
14.00-15.00	Infectious Disease Case Rounds 3	Adam Finn, UK
15.00-15.30	Modeling when it's not in "Vogue"	Marc Brisson, Canada
15.35-16.20	How to write a paper	Nigel Curtis, Australia
16.20	Scoring of afternoon session followed by concluding remarks and close	

## IIC Course Speakers



**Mark Abzug** is Professor of Pediatrics (Infectious Diseases) at the University of Colorado School of Medicine and The Children's Hospital Colorado, Aurora, Colorado. He completed undergraduate and medical studies at Boston University, followed by training in pediatrics at the University of Rochester and in pediatric infectious diseases at the University of Colorado. He is active in the National

Institute of Allergy and Infectious Diseases Collaborative Antiviral Study Group and the National Institutes of Health International Maternal Pediatric Adolescent AIDS Clinical Trials Group. He has served as a member of The American Board of Pediatrics Subboard of Pediatric Infectious Diseases and an Associate Editor of the Journal of Clinical Virology. He currently serves as a Co-Chair of the NIH-CDC-IDSA/HIVMA-PIDS-AAP Guidelines for Treatment and Prevention of Opportunistic Infections Among HIV-Exposed and HIV-Infected Children Working Group and is Co-Editor of Current Diagnosis and Treatment-Pediatrics, 21st edition. His scientific interests include enterovirus infections, congenital and perinatal infections, central nervous system infections, sinusitis, and infections and vaccine response in immunocompromised patients.



**Sir Al** started his career in medicine in London then trained in paediatric endocrinology in University hospitals in Oxford, England and Zurich, Switzerland. He was Clinical and then University Lecturer in Paediatrics and Fellow of Green College in Oxford, James Spence Professor of Child Health and also Head of the School of Clinical Medical Sciences at the University of Newcastle upon

Tyne, and Nuffield Professor of Child Health and Board level Executive Director for Clinical R&D at Great Ormond Street Hospital for Children and the Institute of Child Health in London. Sir Al has been involved in the political arena of Children's Services since 2000. He was Chair of the first NHS Children's Task Force, the first National Clinical Director for Children in government before becoming the first Children's Commissioner for England in 2005, stepping down after his five years of tenure in 2010. He is now Professor Emeritus of Child Health, University College London, Honorary Fellow of UNICEF UK and of Oriel College, Oxford, and Founder and Director, Aynsley-Green Consulting working with governments and organisations internationally on children, child health and childhood. He was knighted for his services to children and young people by HM the Queen in 2006.



**John Bradley** became very interested in the antimicrobial-pathogen-host interactions during his pediatric training based on clinical experiences and, subsequently pursued subspecialty training in PID at Stanford University. Increasingly, complicated neonates, infants and children are requiring prolonged hospitalizations; antibiotic resistance has become profound in hospitals, requiring

increasingly sophisticated antimicrobial agents, infection control and antimicrobial stewardship. Dr. Bradley has been involved in clinical investigation of new anti-infective agents for the past 33 years. At the University of California, San Diego, School of Medicine, he is a Professor and Chief of the Division of Infectious Diseases. He has directed the clinical ID program at Rady Children's Hospital San Diego since 1988. He has been a member of the American Academy of

Pediatrics Committee on Infectious Diseases, the Council of the Pediatric Infectious Diseases Society, and the FDA's Anti-Infective Drug Advisory Committee (and continues to actively serve on the FDA Advisors and Consultants staff). He has served as an advisor to the Clinical and Laboratory Standards Institute (which determines, with FDA, breakpoints for antimicrobial agents based on antimicrobial resistance mechanisms and drug exposure: S, I and R). For the past 9 years, he has been an active member of the Antimicrobial Availability Task Force of the Infectious Diseases Society of America, working with the FDA, NIH, pharmaceutical industry, and the US Congress to encourage the development of new anti-infective agents for antibiotic-resistant pathogens. He is a current member of the Foundation of NIH Biomarkers Consortium, creating new clinical trial designs for antimicrobial agent investigation that can lead to regulatory agency approval and availability of new agents. He is also Chief Editor of Nelson's Pediatric Antimicrobial Therapy, published by the American Academy of Pediatrics.



**Marc Brisson** is an associate professor at Laval University where he holds a Canada Research Chair in Mathematical Modeling and Health Economics of Infectious Diseases. His research aims at developing mathematical models that predict the effectiveness and cost-effectiveness of interventions against infectious diseases to help policy decision-making. Dr. Brisson has produced over 55 peer reviewed journal

articles, and made over 100 presentations at conferences, external seminars and workshops. He has consulted for the World Health Organization (WHO), the Centers for Disease Control Prevention (CDC), the Canadian Partnership Against Cancer (CPAC), the Public Health Agency of Canada (PHAC) and the Canadian Immunization Committee (CIC). He has a BSc in Actuarial Science (1992-1996), a certificate in Statistics (1996) and an MSc in Epidemiology (1996-2001) from Laval University in Quebec City, and a PhD in Health Economics (1999-2004) from City University in London, England.

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**Professor Hoosen Coovadia** is based in Durban South Africa, implementing documented research findings on maternal, newborn and child health. He was primarily involved in academic paediatrics during his tenure at UKZN. He has devoted his life to the pursuit of justice, democracy and freedom – chairing the Mandela government's first Commission on Maternal and Child Health, designing appropriate

national policies and he headed the largest International AIDS Conference in Africa. His research into HIV transmission and treatment has been globally significant. He has published more than 320 papers in national and international journals.

Director: Maternal, Adolescent and Child Health (WITS)

Commissioner: Presidency National Planning Commission

Emeritus Professor of Paediatrics and Child Health,

Emeritus Victor Daitz Professor of HIV/AIDS Research, (UKZN)



**Ron Dagan** is Professor of Pediatrics and Infectious Diseases and Director of the Pediatric Infectious Disease Unit at the Ben-Gurion University of the Negev and the Soroka University Medical Center, Beer-Sheva, Israel. He is currently chair of the board of the International Symposia on Pneumococcus and Pneumococcal Diseases (ISPPD). He serves on the editorial board of several peer-reviewed journals and is

the recipient of many grants and awards. He has contributed > 450 original articles, reviews and book chapters, and has presented > 450 papers at national and international scientific meetings.

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**Carlo Giaquinto**, graduated in Medicine (1982) and specialised in Pediatrics (1986) at the University of Padova, Prof. Carlo Giaquinto is full time paediatrician at the Department of Paediatric of the University of Padova and Head of the Paediatric AIDS Centre. In December 2011, he was also appointed as Responsible for the Clinical Research Trials Unit of Padova Hospital.

In addition, he is President of Fondazione

Penta and Fondazione C.A.R.A.P., Scientific Responsible and Vice President of Fondazione Moschino and chair of the Paediatric European Network for the Treatment of Aids. His main interest has always been the research in the field of Paediatric Infections. He was founder of the European Collaborative Study on the natural history of HIV infections in childhood and is Honorary Senior Lecturer in the Centre for Paediatric Epidemiology and Biostatistics, Institute of Child Health, London. He was Member of the National Committee for the fight against AIDS and other infectious diseases of the Italian Ministry of Health and Member of Comitè Restreint del Fonds de Solidaritè Therapeutique International. He is one of the most important experts in Paediatric Rotavirus Infection and vaccination. He is Primary Investigator of the REVEAL study (European Rotavirus Epidemiology), Member of the ECDC working group for Rotavirus vaccination, Member of the European Paediatric Vaccine Advisory Board. He is the coordinator of several International research projects, among which: TEDDY, PENTA/ECS, ACTIVATE, PENTA/LABNET, NEOMERO, GRIP.



**Roger Glass** is the Director of the Fogarty International Center and Associate Director for International Research of the National Institutes of Health. Dr. Glass graduated from Harvard College, received a Fulbright Fellowship to study at the University of Buenos Aires,, and received his M.D. from Harvard Medical School and his M.P.H. from the Harvard School of Public Health. Dr. Glass's research interests are in the

prevention of gastroenteritis from rotaviruses and noroviruses through the application of novel scientific research. His research has been targeted toward epidemiologic studies to anticipate the introduction of rotavirus vaccines.

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**Nicole Guiso** is the Head of the Research Unit "Molecular Prevention and Therapy of Human Diseases" unit, Director of the National "Whooping cough and other Bordetellosis" Reference Centre, and "Toxinogenic Corynebacteria" Reference Centre at the Institut Pasteur in Paris, France. She joined the Institut Pasteur in 1972 as a voluntary trainee, having obtained a Master's Degree in biochemistry.

From 1977 to 1980 she obtained her PhD and after her thesis on the evolution of the Lactose genes in Enterobacteriaceae. Nicole left the Pasteur Institute between 1986-1987 to take up the position of Visiting Lecturer at the National Jewish Hospital in Denver, Colorado, USA to study Archaeobacteria. She returned to the Institute in 1988, to undertake studies on the factors implicated in Bordetella species pathogenicity. In 1991 she was appointed Laboratory Head and, 2 years later, became the Director of the National Bordetella Reference Centre and the head of the Bordetella Unit. In 2001, she thought with her colleagues to another project which the main goal and philosophy is to promote multidisciplinary approaches for the study of human infectious diseases, bridging the dysfunctional gaps between scholars interested in: i) the relations between humans, pathogens and their vectors; ii) the interactions between infectious agents and their environment; iii) the distribution, emergence or re-emergence of the related diseases. She took up the position of Head of the "Ecosystems and Epidemiology of Infectious Diseases" department in 2002. In 2008, she became Head of the toxigenic Corynebacteria reference centre.



**Deborah** read the news on the BBC for over 12 years, so uses her journalistic skills to show you how to craft key messages and make them unforgettable. She is Ofcom's media trainer and lectures on the Exec MBA course at Durham University. Deborah specializes in the health field and has coached delegates from various NHS Trusts, HPA in the UK, CAREC in the Caribbean, East Mediterranean Regional

Office of WHO, and was media trainer for the EPIET European programme for 12 years. Deborah is an Associate of The King's Fund and has been media consultant to ADVAC (Advanced Course of Vaccinology) since its inception. [www.DeborahHall.co.uk](http://www.DeborahHall.co.uk)  
[Deb@DeborahHall.co.uk](mailto:Deb@DeborahHall.co.uk)

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**Sheldon Kaplan** is Professor and Vice-Chairman for Clinical Affairs and Head of the Section of Pediatric Infectious Diseases in the Department of Pediatrics at the Baylor College of Medicine and Chief of the Infectious Disease Service as well as the Head of Pediatric Medicine at Texas Children's Hospital in Houston, TX. Dr. Kaplan is a co-editor of Feigin and Cherry's Textbook of Pediatric Infectious Diseases,

6th Edition and is Editor-in-Chief--Pediatrics as well as the Co-Editor of the Pediatric Infectious Diseases section of the electronic textbook UpToDate®. His current research interests include infections in children caused by Staphylococcus aureus, Streptococcus pneumoniae and Neisseria meningitidis.



**Gary Marshall** received his undergraduate degree from the University of Pennsylvania and his medical degree from Vanderbilt University. After completing a pediatric residency at Vanderbilt in 1986, he entered a fellowship in infectious diseases at the Children's Hospital of Philadelphia. In 1989, he joined the Department of Pediatrics at the University of Louisville School of Medicine, where he is now Professor of

Pediatrics, Chief of the Division of Pediatric Infectious Diseases, and Director of the Pediatric Clinical Trials Unit. Dr. Marshall also serves as an attending physician at Kosair Children's Hospital and participates in a busy outpatient infectious diseases practice. During his tenure in Louisville, he has been recognized as an astute clinician/educator, a productive investigator, and an effective administrator. He has received the Outstanding Clinical Professor Award, Educator of the Year Award, and the Peer Clinician-Teacher Excellence Award from the Department of Pediatrics, as well as the Distinguished Educator Award from the School of Medicine and the Educational Achievement Award from the Kentucky Medical Association. In addition, under Dr. Marshall's leadership the pediatric residents have repeatedly recognized the Division of Pediatric Infectious Diseases for excellence in teaching and patient care. Dr. Marshall is a member of the Society for Pediatric Research and the Pediatric Infectious Diseases Society and has served in several national leadership positions. He has authored over 130 scientific papers and is best known for his work in vaccine development, advocacy, and education. He is also the author of *The Vaccine Handbook: A Practical Guide for Clinicians* (The Purple Book), the fourth edition of which will be published in the spring of 2012.



**Octavio Ramilo** is the Henry G. Cramblett Chair in Pediatric Infectious Diseases and Professor of Pediatrics at the Ohio State University College of Medicine and Chief of Infectious Diseases at Nationwide Children's Hospital in Columbus, Ohio. He obtained his medical degree from the Universidad Complutense in Madrid, Spain. Professor Ramilo completed his paediatric residency at the Hospital "12 de Octubre" in Madrid

and a subsequent Paediatric Infectious Disease Fellowship at UT Southwestern Medical Center in Dallas, Texas.

He has been involved in translational and clinical research related to the role of the host immune response in pathogenesis of infectious diseases for over 20 years. His current research is focused on pathogenesis and treatment of respiratory infections, especially RSV, and the application of genomics technologies for improving diagnosis and understanding of host responses to infectious agents.



**Florence Robert-Gagneux** is a medical biologist, who has a 20-year diagnostic experience in the field of toxoplasmosis. During her PhD, she worked on the characterisation on MAPK activity in *T. gondii* and its role during cell infection (Pasteur Institute & University Paris V). At present, she teaches Parasitology at the Faculty of Medicine (University Rennes 1, France) and she is in charge of

immunological and molecular diagnosis of toxoplasmosis and other parasitic diseases at the University Hospital of Rennes. She is a member of the French network on toxoplasmosis (the Centre National de Référence de la Toxoplasmose) and of the European Study Group in Parasitology (from ESCMID). She participates in several ongoing national clinical trials on the treatment of toxoplasmosis in pregnant women and in congenitally infected infants. The scope of her current research focuses on the interplay of microenvironment and immune response to intracellular parasites, such as *Leishmania* and *Toxoplasma*, at the Institut de Recherche en Santé Environnement Travail (IRSET, INSERM U1085, Université Rennes 1). She is particularly interested in the hepatic immune response to *L. donovani* infection and she also investigates immune makers associated with transplacental transmission of *T. gondii*.



**Professor David Salisbury** is Director of Immunisation at the Department of Health, London, where he is responsible for the national immunisation programme. Professor Salisbury graduated from London University in 1969. He trained as a paediatrician at Oxford and at the Hospital for Sick Children, Great Ormond Street, London. He is a Fellow of the Royal College of Physicians, Fellow of the Royal College

of Paediatrics and Child Health, and a Fellow of the Faculty of Public Health. He has an honorary Chair in the Department of Infectious Disease Epidemiology at Imperial College, London. Professor Salisbury was made a Companion of the Order of the Bath in Her Majesty the Queen's 2001 Birthday Honours.

In addition to his UK responsibilities, Professor Salisbury works extensively with the World Health Organization on the Global Programme for Vaccines. He was the Chairman of the WHO Strategic Advisory Group of Experts on Vaccines from 2005 to 2010, is Chairman of the European Region Certification Commission for Poliomyelitis Eradication, and is a member of the Eastern Mediterranean Polio Elimination Certification Commission, and the South East Asian Polio Elimination Certification Commission. During 2009, Professor Salisbury chaired the WHO H1N1 vaccine working group. He is Co-chairman of the Influenza Pandemic Preparedness Group for the Global Health Security Action Group of G7 countries. He is a Liaison Member of the US Advisory Committee on Immunisation Practices and the US National Vaccine Advisory Committee. He also chairs the European Vaccine Advisory Group for the European Centre for Disease Control and is co-chair of the R&D work stream for the Bill & Melinda Gates Foundation Decade of Vaccines initiative. He is a member of the Malaria Advisory Panel for the Gates Foundation and a Science Advisory Council member for the PATH Malaria Vaccine Initiative.

Professor Salisbury has written around 90 publications on immunisation and paediatric topics.



**Delane Shingadia** is a Consultant in Paediatric Infectious Diseases at Great Ormond Street Hospital and Honorary Senior Lecturer at the Institute of Child Health. Dr Shingadia has an interest in various paediatric infectious diseases, including HIV, tuberculosis and malaria. He was involved in the development of the NICE TB guidelines, as well as being the paediatric representative on various national

Tuberculosis committees. His research interests include infectious diseases epidemiology, infection and immigration and, infection in immunocompromised children. He has also completed a national TB surveillance study through the British Paediatric Surveillance Unit.



**Claire-Anne Siegrist** is Professor of Vaccinology and Pediatrics at the University of Geneva (Switzerland), Director of the Center of Vaccinology of the University Hospitals of Geneva, Director of the Center for Vaccinology and the Pediatric Department of the University of Geneva and Head of the WHO Collaborating Center for Vaccine Immunology. After her training and board certification in paediatrics and

infectious disease, she obtained an Advanced Immunology Diploma from Aix-Marseille II University (France) and initiated in 1994 a new research group on Vaccinology and Neonatal Immunology, recognized in 1996 as a WHO Collaborating Center. With her thesis on Vaccination in Early Life, she obtained her PD accreditation in 1998. She was nominated as Professor of Vaccinology at the University of Geneva in 1999. In 2005, she received the Bill Marshall Award from the European Society for Paediatric Infectious Diseases. Professor Siegrist is the President of the Swiss Advisory Committee for Immunizations (CFV/EKIF) since 2004, was nominated at the UK Joint Committee for Vaccination and Immunization (JCVI) in 2008 and at the WHO Strategic Advisory Group of Experts (SAGE) in 2010. She has contributed to a large number of original scientific publications in the field of vaccine immunology, studying in particular the mechanisms of the maturation of early life vaccine responses. She is also directly involved in multiple activities aiming at improving training and information of health professionals on vaccine related issues, including the setting up of the InfoVac ([www.infovac.ch](http://www.infovac.ch)) expert network. The quality and the objectivity of her engagement for the promotion of evidence-based vaccinology is recognized and appreciated worldwide.





**Barbara J. Stoll** is the George W. Brumley, Jr., Professor and Chair of the Department of Pediatrics at Emory University School of Medicine and Chief Academic Officer of Children's Healthcare of Atlanta. After clinical training in Pediatrics and Neonatology, she spent several years working at the International Centre for Diarrhoeal Disease Research, Bangladesh (ICDDR,B), where she developed an

appreciation of the causes of child mortality in developing countries and studied interventions to reduce mortality and improve child health. She established a hospital-based diarrheal disease surveillance system at ICDDR,B that is still on-going today and has resulted in many novel observations and publications. She joined the faculty of the Division of Neonatal-Perinatal Medicine/Department of Pediatrics at Emory University School of Medicine in 1986 and became Chair of the Department in 2004. She holds a joint appointment as Professor of Public Health/Epidemiology in Emory's Rollins School of Public Health. Dr. Stoll's research interests include neonatal clinical trials and the epidemiology of, diagnosis, and treatment of neonatal infectious diseases. She has spent over two decades studying the causes of morbidity and mortality among preterm and low birthweight infants, especially infectious diseases and has participated in numerous multi-center trials to improve therapies for and outcomes of sick newborns, both in the US and internationally. Dr. Stoll was elected to the Institute of Medicine in 2009 and is the current President of the American Pediatric Society.



**Jaap T. van Dissel**. After training in internal medicine and specialization in infectious diseases at Leiden University Medical Center (LUMC) and a research fellowship at Duke University Medical Center, Durham NC, Professor Van Dissel was appointed head of the Department of Infectious Diseases at LUMC in 2000. He set up a referral centre for the diagnosis and treatment of adults with immunodeficiency

disorders, and a regional infectious diseases service and research network of clinics and GPs in the western part of The Netherlands. Current research activities include clinical trials of vaccines including exploratory trials of vaccines against tuberculosis, biomarker studies in infectious disease, and immunogenetic studies on the host-pathogen interactions in non-TB mycobacterial and salmonella infection.

# IIC memories





# POSTGRADUATE DIPLOMA IN PAEDIATRIC INFECTIOUS DISEASES

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The Programme draws on world-class research and teaching in paediatric infectious diseases. It offers a unique opportunity to gain an understanding of principles that underpin infection and the ways in which those principles have developed, and to translate this understanding into good clinical and research practice.



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Organised in association with ESPID



This programme is supported by ESPID, PENTA and the IIC Course: Oxford



The Programme is the result of a close collaboration between the University of Oxford Department of Paediatrics and Department for Continuing Education. It is led by Andrew Pollard, Professor of Paediatric Infection and Immunity at the University of Oxford, and Honorary Consultant Paediatrician at the Children's Hospital, Oxford.

There are three main teaching elements to the Programme:

- Online topics taught through an interactive virtual learning environment
- Two (one per year) three-day residential course in Oxford: Infection and Immunity in Children
- The PENTA-ESPID training course in paediatric HIV medicine, comprised of an online component and a three-day residential course in Rome

*"Very well structured course. Interesting and constructive discussion with the tutors and other students"*  
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The online topics covered are:

- Infection Syndromes
- Therapeutics and Infection Control
- Epidemiology, Immunity and Immunization
- Invasive Bacterial Infections
- Important Viral Infections and Prions
- Imported and Tropical Diseases and Mycobacterial Infection
- Neonatal Infection and STIs
- The Immuno-compromised Host
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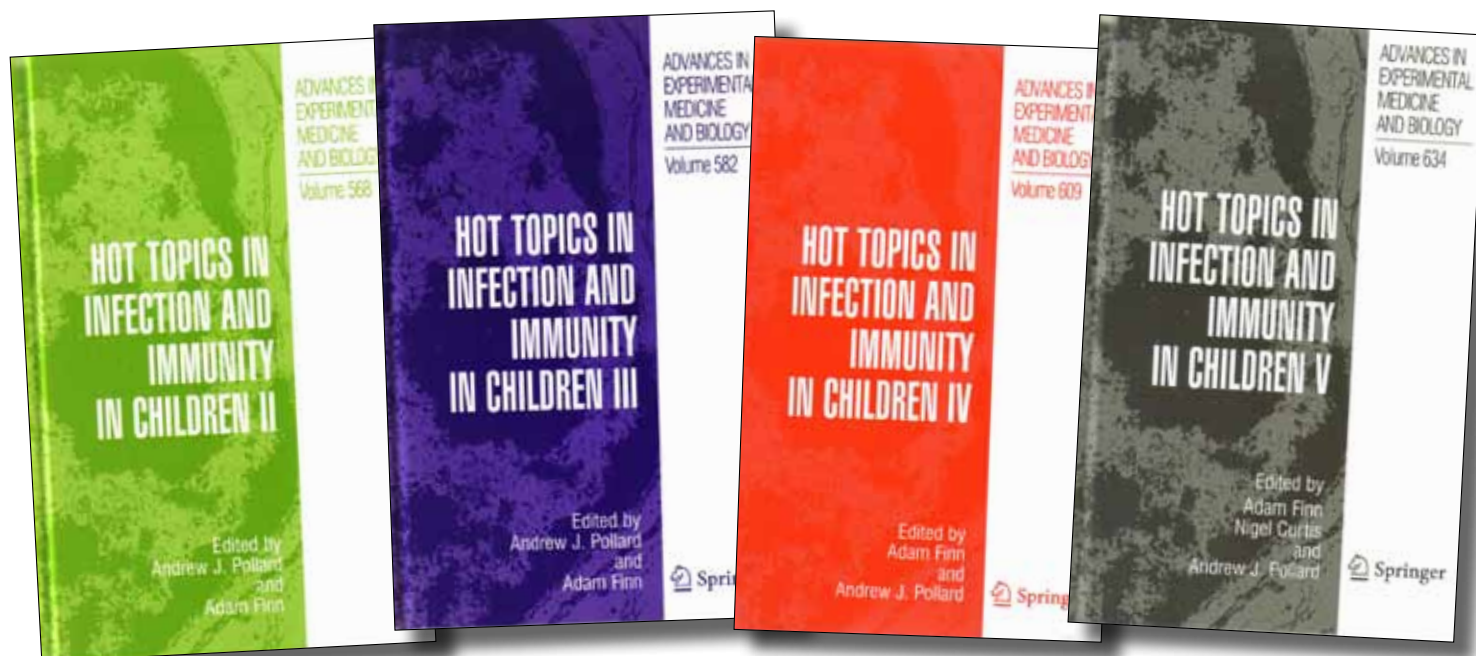
## **The British Paediatric Allergy, Immunology and Infectious Diseases Group**

is an affiliated speciality group of the Royal College of Paediatrics and Child Health. Members of the BPAIIG are actively involved in the clinical care of children as well as in research and development of new methods of investigation and treatment of allergic, immune and infectious conditions. Research presentations by trainees are an important part of the Spring and Autumn meetings. Encouraging trainees to proceed in this field is a crucial function of the group.

Establishment of the annual ESPID-Oxford Course, Infection and Immunity in Children in 2003 under the auspices of BPAIIG and the European Society of Paediatric Infectious Diseases (ESPID), has complemented the BPAIIG rolling training programme. BPAIIG members are also involved with the specialist training of young doctors, via the Allergy, Immunology, and Infectious Diseases CSAC of the RCPCH.

For further information and to become a member visit our website [www.bpaiig.org](http://www.bpaiig.org)

## IIC Books



All delegates will receive a free copy of the proceedings of IIC 2012, posted direct to them from the publisher, which is due to be published in the summer of 2013.

These books are based on the course and are aimed at encouraging excellence in clinical practice and raising the profile of paediatric infectious diseases, with a particular eye on the needs of trainees in the specialty.

You will find in these books a wealth of state of the art information about various aspects of paediatric infectious diseases, written by leading authorities in the field. If you wish to purchase a copy of the proceedings of previous IIC courses, the easiest way is direct from Springer Online at [www.springer.com](http://www.springer.com) or contact [service-ny@springer.com](mailto:service-ny@springer.com)



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