

Masterclass in Primary Immunodeficiency Disease

May 20, 2023 – Sofitel Hotel, Abu Dhabi, UAE

Saving Children by diagnosing Primary Immunodeficiency Disease Early



CONFERENCE BROCHURE

WELCOME MESSAGE



Dr. Zainul Aabideen



Dr. Hiba Shendi

Dear Colleagues,

On behalf of the organizing committee, it gives us great pleasure to welcome you the **Masterclass in Primary Immunodeficiency Disease** to be held on 20 May, 2023 at Sofitel Hotel, Abu Dhabi, UAE.

The focus of the masterclass is to increase awareness of all professionals to diagnosis Primary Immunodeficiency Disease in children early.

The world of primary immunodeficiency diseases is expanding at a fast pace. Currently, there are more than 400 primary immunodeficiency diseases and each month we continue to add more. Primary Immunodeficiency Diseases usually present with recurrent infection but can have Neurological, Respiratory, Gastrointestinal, Cardiovascular, Dermatological, Hematological manifestation so patient can present to General Practitioners, General Pediatricians, Hematologist, Dermatologist, Neurologist etc. Therefore, this conference is for all professionals who see children in their clinical practices. This would educate and empower them to diagnose very early.

We aim to emphasize on the early diagnosis of Primary Immunodeficiency Disease in children.

We are delighted to present renowned experts from the UAE and abroad. This is an opportunity for all to interact and exchange ideas, knowledge and experience that will enable best possible care for children suffering from Primary Immunodeficiency Diseases.

The event will also provide an opportunity for networking for future academic and clinical collaborations.

We wish you a very productive and successful conference.

Sincerely yours,

Dr. Zainul Aabideen

MBBS, FRCPC, CCT(UK), MSc Oncology(UK)
Conference Chair

Chairman Organizing & Scientific Committee

Consultant and Head of Pediatric Haematology,

Oncology and BMT, Burjeel Medical City Abu Dhabi, UAE

Dr. Hiba Shendi

MBBS, MD, MRCPCH, MSc, FRCPATH (UK)
Conference Co-Chair

Chair Organizing & Scientific Committee

Consultant Immunologist

Tawam Hospital, Al Ain, UAE

LEARNING OBJECTIVES

- Be aware of incidence & epidemiology of Primary Immunodeficiency Diseases in the UAE & the world.
- Recognize different presentations of Primary Immunodeficiency Disease in children.
- Acquire skills to initiate basic investigation to diagnose Primary Immunodeficiency Disease.
- Discuss on how the general pediatrician can be involved in the care of Primary Immunodeficiency Disease.
- Understand & availability of different treatments options in the UAE for Primary Immunodeficiency Disease.

KEY FEATURES

- Meeting renowned experts from around the world
- Networking and developing new partnerships.
- Learning and sharing best practices
- Get introduced to success stories and achievements
- Learning novel concepts & practices in the field of Primary Immunodeficiency Disease.

WHO SHOULD ATTEND

- General Pediatricians
- Pediatric Trainees
- Residents & Fellows
- Family Physicians
- General Practitioners
- Emergency Medicine Physicians
- Pediatric Immunologist
- Pediatric Hematologist
- Pediatric Oncologist
- Pediatric BMT Physicians
- Pediatric Neurologist
- Pediatric Cardiologist
- Dermatologist
- Geneticist

CME ACCREDITATION

Masterclass in Primary Immunodeficiency Disease has been Accredited by The European Accreditation Council for Continuing Medical Education (EACCME) for 6 European CME Credits (ECMECs)



SPEAKERS



Dr. Zainul Aabideen
MBBS, FRCPCH, CCT(UK),
MSc Oncology(UK)
Conference Chairman,
Head of Pediatric Hematology
Oncology & BMT
Burjeel Medical City, Abu Dhabi, UAE



Dr. Hiba Shendi
MBBS, MD, MRCPCH, MSC, FRCPATH, CCT
Conference Co-chair,
Consultant Immunologist/Allergist
Tawam Hospital, Alain, UAE



Prof. Andrew Gennery
Honorary Consultant in Paediatric
Immunology and Haematopoietic
Stem Cell Transplantation,
Great North Children's Hospital
in Newcastle, UK



Dr. Fulvio Porta
Medical Advisor, Pediatric BMT Program,
Burjeel Medical City, Abu Dhabi, UAE
Senior Consultant & Director of the
Pediatric Oncology and BMT Children's
Hospital of Spedali Civili di Brescia, Italy



Dr. Salem Al-Tamemi
Consultant Pediatrician,
Clinical Immunologist & Allergist,
Sultan Qaboos University Hospital,
Oman



Dr. Fulvio Salvo
Staff Physician, Allergy & Immunology,
Respiratory Institute, Cleveland Clinic
Abu Dhabi, UAE



Assoc. Prof. Dr. Funda Cipe
Pediatric Allergy Immunology
Subspecialist, European Boarded,
Al Qassimi Women and Children
Hospital, Sharjah, UAE



Dr. Shuayb Elkhailifa
Staff Physician, Allergy & Immunology,
Respiratory Institute, Cleveland Clinic
Abu Dhabi, UAE



MODERATORS



Dr. Mohammad Fahed Abdullah
Senior Consultant Hematology
Sheikh Khalifa Medical City,
Abu Dhabi, UAE



Dr. Fatima Al Dhaheri
Assistant Professor,
Physician Consultant Pediatric Infectious
Diseases, Physician Consultant Infectious
Diseases in the Immunocompromised Host,
UAE University, Al Ain, UAE



Dr. Kesava Ananth Ramakrishnan
Head of PICU Department,
Burjeel Medical City,
Abu Dhabi, UAE



Dr. Basheer Babu Tharayil
Consultant Pediatrician
Sheikh Khalifa Medical City,
Abu Dhabi, UAE



Prof. Omendra Narayan
Consultant Pediatric Pulmonologist,
American Hospital, Dubai;
Associate Professor,
University of Sharjah



Dr. Huda Al Dhanhani
Pediatrics Infectious Diseases Consultant,
SKMC, Abu Dhabi, UAE
Chairman of the Scientific Community-
EIDS



Dr. Ghassan Ghatasheh
Consultant Pediatric Infectious
Diseases, Tawam Hospital, UAE



Dr. Aisha Al-Shamsi
Consultant Pediatrician,
Consultant Clinical Genetics & Metabolism,
Division Chief of Genetics and Metabolism,
Tawam Hospital, UAE



SCIENTIFIC PROGRAM

May 20, 2023

TIME	TOPIC	SPEAKERS
07:50-08:50	Registration	
08:50-09:00	Welcome Speech • Verses from Holy Qur'an • Opening Remarks & Introduction	
SESSION 1 Chairs: Dr. Ghassan Ghatasheh & Dr.Kesava Ananth Ramakrishnan		
09:00-09:35	Primary Immunodeficiency Disorders (Inborn Errors of Immunity), Definition, Classification & Tawam (UAE) experience	Dr. Hiba Shendi, UAE
09:35-10:10	Combined Immunodeficiency	Dr. Salem Al-Tamemi, Oman
10:10-10:20	Q & A	
10:20-10:35	Coffee Break	
SESSION 2 Chairs: Dr. Huda Al Dhanhani & Dr. Basheer Babu Tharayil		
10:35-11:15	Antibody Deficiency and Immunoglobulin Replacement Therapy	Dr. Fulvio Salvo, UAE
11:15-11:55	Neutrophil Defects	Assoc. Prof. Dr. Funda Cipe, UAE
11:55-12:05	Q & A	
12:05-13:05	Prayer & Lunch Break	
SESSION 3 Chairs: Dr. Mohammad Fahed Abdullah & Dr. Aisha Alshamsi		
13:05-13:45	Immune dysregulation including HLH	Prof. Andrew Gennery, UK
13:45-14:25	Diagnostic approach to Primary Immunodeficiency	Dr. Shuayb Elkhailifa, UAE
14:25-14:35	Q & A	
14:35-14:50	Coffee Break	
SESSION 4 Chairs: Dr. Fatima Aldhahri & Prof. Omendra Narayan		
14:50-15:30	Current update on BMT in PID	Dr. Fulvio Porta, Italy
15:30-16:10	BMT in Primary Immunodeficiency Disease - UAE experience	Dr. Zainul Aabideen, UAE
16:10-16:25	Q & A	
16:25-16:30	Closing Remarks	
16:30	End of Conference	

SPEAKERS' BIOGRAPHY



Dr. Zainul Aabideen

MBBS, FRCPCH, CCT(UK), MSc Oncology(UK)
Conference Chairman,
Head of Pediatric Hematology Oncology & BMT
Burjeel Medical City, Abu Dhabi, UAE



Dr. Zainul is a highly skilled and experienced in Paediatric Haematology and Oncology. He received his Degree in Medicine at Calicut University in Kerala, India, subsequently he took his post-Graduate degree in Paediatrics from the University of Mumbai.

In 2001, Dr. Zainul moved to the United Kingdom where he specialize and undertake further training and experience in paediatric haematology, paediatric oncology and Paediatric Bone Marrow Transplantation in various hospitals in UK

- Royal Marsden Hospital, London, UK
- University College Hospitals of London UCLH London
- Imperial College London UK
- Manchester Children Hospital, Manchester UK
- Alder Hey Children Hospital Liverpool UK
- Great North Children Hospital Newcastle UK

Dr. Zainul gained his master's degree in Paediatric Oncology at Birmingham University as well as Certificate in Medical Education at Manchester University. Subsequently, he completed his International Fellowship in Paediatric Bone Marrow Transplantation at Great North Children's Hospital in Newcastle. He worked previously as Consultant Pediatric at University Hospital of Coventry and Warwickshire and Royal Oldham Hospital before moving to UAE.

In the UAE, He had worked at Department of Pediatric hematology and Oncology Tawam Hospital as Consultant, Al Ain, before he joined at Burjeel Medical City. Aside from his commitment to further advance his experience and knowledge in the field of Paediatrics, Paediatric Haematology, Oncology & Bone Marrow Transplantation in the United Kingdom he also published numerous articles and actively support by sharing his knowledge to the community by participating international conference across countries.

SPEAKERS' BIOGRAPHY



Dr. Hiba Shendi

MBBS, MD, MRCPCH, MSC, FRCPATH, CCT
Conference Co-chair,
Consultant Immunologist/Allergist
Tawam Hospital, Alain, UAE



Dr. Hiba Shendi is Consultant Immunologist/Allergist in Tawam Hospital, Alain, UAE. She completed a Clinical MD in Pediatrics and Child Health and obtained Membership of the Royal Pediatrics and Child Health (London), followed by MSc in Immunology of Infectious Diseases, London School of Hygiene and Tropical Medicine and completed specialist training in Allergy/Immunology in the UK in 2012.

She worked as Consultant Immunologist/Allergist, Regional Immunology Service, Royal Victoria Hospital, Belfast, UK before joining Tawam Hospital in December 2015, as lead in Pediatric Allergy and Immunology and is currently the only Clinical Immunologist in SEHA. She is responsible for the significant expansion of the Pediatric Allergy/Immunology service, now a tertiary referral centre for children as well as adults with Primary Immunodeficiency Disorders in the UAE. She also manages children and adults with various allergic conditions, she has been working on increasing awareness on primary immunodeficiency disorders and allergic conditions, locally and nationally.

She has various publications and presentations and is the main author on the first publication on primary immunodeficiency disorders in the UAE.



Prof. Andrew Gennery

Honorary Consultant in Paediatric
Immunology and Haematopoietic Stem Cell Transplantation,
Great North Children's Hospital in Newcastle, UK



Prof. Andrew Gennery is a Professor in Paediatric Immunology and Haematopoietic Stem Cell Transplantation at the University of Newcastle upon Tyne and Honorary Consultant for the Northern Supra-Regional Bone Marrow Transplant Unit for SCID and related disorders, at the Great North Children's Hospital, Newcastle upon Tyne, clinically qualified and active. He spent a year of post-doctoral studies working with Anne Durandy and Alain Fischer in the Necker Hospital in Paris and was involved in the discovery of Cytidine Deaminase one of the first genes to be discovered involved in class switch recombination and somatic hypermutation.

He is a consultant in Newcastle for 20 years. He has pioneered paediatric immunology research at the university. His research interests include immune reconstitution following haematopoietic stem cell transplant for primary immunodeficiency, long-term outcomes of transplantation for primary immunodeficiency (and in particular Chronic Granulomatous Disease and Severe Combined Immunodeficiency), DNA repair disorders and their appropriate treatment and Di George Syndrome. More recently, he adapted new methods of T cell depletion for patients with primary immunodeficiency, and established extracorporeal photopheresis for the treatment of children with graft versus host disease. He discovered important mechanistic insights relating to the action of extracorporeal photopheresis. He is exploring the use of defibrotide for the treatment of non-VOD endothelial cell activation disorders post-HSCT.

SPEAKERS' BIOGRAPHY



Dr. Fulvio Porta

Medical Advisor, Pediatric BMT Program,
Burjeel Medical City, Abu Dhabi, UAE
Senior Consultant & Director of the
Pediatric Oncology and BMT Children's
Hospital of Spedali Civili di Brescia, Italy



Currently working as Senior Consultant and Director of the Clinical Unit at the Children's Hospital of Spedali Civili di Brescia, Italy, that is the second largest teaching hospital in Italy. The Unit has 26 beds, with 10 doctors, 30 nurses and 8 technicians. Children affected by immunological diseases (primary or secondary), oncohaematological diseases (leukemia, solid tumours, lymphoma, thalassemia, sickle cell diseases) are treated within the Unit. At present more than 700 bone marrow transplantation have been performed both from HLA compatible and partially matched donors, treated 2 children with CAR Tcells

Education and qualification:

15 July 1983 Medical Doctor Degree 1983, 1987 Specialization in Pediatrics, 1991 Specialization in Haematology, 1986-90 Policlinico S. Matteo Pavia Italy permanent position

From July 1984 till March 1985 BMT coordinator in "Bud Flanagan Ward", Leukemia Unit, Royal Marsden Hospital Later that year I started the BMT Unit at the Paediatric Department of Pavia, Italy, assisting oncohaematological children realizing more than 100 BMT.

1990-2022 Spedali Civili Brescia Italy permanent position

More than 700 BMT performed. The Unit is National Referent Center for BMT in PID. Dr. Porta covered the position of Secretary of the Inborn Errors EBMT Working Party 2006/2012; Presidency of the Italian Association of Pediatric Haematology and Oncology (AIEOP) 2010-2012; member of the Italian Foundation for Pediatric Oncohaematology (FIEOP); International Expert ASTER Hospital Bangalore India 2017/2019. He is currently International Adviser, BMC, Abu Dhabi



Dr. Salem Altamemi

Consultant Pediatrician,
Clinical Immunologist & Allergist,
Sultan Qaboos University Hospital,
Oman



Dr. Salem H. Al-Tamemi is a Senior Consultant Paediatrician, Clinical Immunologist & Allergist at Sultan Qaboos University Hospital (SQUH) Oman.

Graduated from SQU and persuaded postgraduate medical education and training at McGill University, Canada, Residency in Paediatrics & Fellowship in Clinical Immunology & Allergy. After that, he established the service in Oman.

He is actively involved in undergraduate and postgraduate medical education. His interest is in clinical research related to primary immunodeficiency and allergic disease, and he is an invited speaker at local and international meetings. He has more than 50 scientific publications in international and local medical journals. Currently, he is the president of the Omani Society of Allergy & Clinical Immunology.

SPEAKERS' BIOGRAPHY



Dr. Fulvio Salvo
Staff Physician, Allergy & Immunology,
Respiratory Institute, Cleveland Clinic
Abu Dhabi, UAE



Dr. Fulvio Salvo, MD, is an Allergy and Clinical Immunology Consultant in the Respiratory Institute at Cleveland Clinic Abu Dhabi. He is responsible for the drug allergy & perioperative hypersensitivity clinics.

He has multiple areas of interest, which include drug allergy, urticaria and angioedema, primary immunodeficiencies in adults, eosinophilic conditions and vasculitis, and severe asthma.

Dr. Salvo received his medical degree from San Raffaele University in Milan, Italy. He completed his residency at the same University, with a specific focus on vasculitis and other autoimmune diseases.

Dr. Salvo is an active member of the European Academy of Allergy and Clinical Immunology and of the interest group on Perioperative Hypersensitivity.

He is the vice president of the Allergy and Immunology interest group in the Emirates Thoracic Society.



Assoc. Prof. Dr. Funda Cipe
Pediatric Allergy Immunology Subspecialist, European Boarded,
Al Qassimi Women and Children Hospital, Sharjah, UAE



Dr. Funda got her medical degree in 2000, then completed her pediatric residency and pediatric Allergy and immunology fellowship program in high volume and most reputed hospitals in Turkey. Following a fellowship in 2011, she started to work at Istanbul Health Sciences University as Head of the Department of Pediatric Allergy and Immunology and also participated in the education of many pediatric residents. As a result of her clinical and academic efforts, she was able to get 'Associated Professor' title in 2015 and European Diploma given by EAACI in 2018.

Between 2018-2021, she worked at Istinye University, Istanbul, Bone Marrow Transplantation Unit as a part of Pediatric Hematology-Oncology-Immunology team and played active role in primary immunodeficient patient's transplantation of 130 patients.

Since March 2022, she is working in Al Qassimi Women and Children Hospital as Pediatric Allergy Immunology subspecialist.

SPEAKERS' BIOGRAPHY



Dr. Shuayb Elkhalfifa

Staff Physician, Allergy & Immunology,
Respiratory Institute, Cleveland Clinic
Abu Dhabi, UAE



Shuayb Elkhalfifa, MBBS, MRCP, FRCPath Immunology, is a consultant in Immunology and allergy and associate professor at Cleveland Clinic Abu Dhabi and Honorary Lecturer at The University of Manchester, United Kingdom.

Prior to joining Cleveland Clinic, Dr. Elkhalfifa was a consultant in Immunology & allergy at Salford Care Organization, Northern Care Alliance Foundation Trust, United Kingdom.

Dr. Elkhalfifa received his medical degree from University of Khartoum, and completed his Internal Medicine, Immunology and allergy training at Greater Manchester Hospitals, United Kingdom.

Throughout his tenure, Dr. Elkhalfifa has specialized in clinical assessment, investigation, treatment, and holistic management of patients with suspected and established immunodeficiency (Primary and secondary excluding HIV related immunodeficiencies), hereditary and acquired angioedema, and atopic & allergic conditions, in addition to various disorders of immune dysregulation. He worked closely with primary care, pediatricians, and other hospital specialists to manage patients with complex allergic and immune-mediated diseases. Dr. Elkhalfifa ran joint clinics with few specialist services e.g., Gastroenterology and respiratory departments.

Dr. Elkhalfifa has published extensively in the field of Immunodeficiency, autoimmunity, COVID-19 vaccination, drug allergy, hereditary angioedema and anaphylaxis in prestigious Journals such as Nature, the Journal of Allergy and Clinical Immunology: In Practice & others.

Dr. Elkhalfifa has an outstanding track record in innovation. He developed the first UK drug allergy App. His commitment to promoting excellence and improving care, his innovative ideas & implementing them translated in few awards from regional and national bodies in the United Kingdom.

Dr. Elkhalfifa has taken few National and International leadership and managerial positions at various allergy and immunology associations, societies and committees.

Shuayb Elkhalfifa, MBBS, MRCP, FRCPath Immunology, is a consultant in Immunology and allergy and associate professor at Cleveland Clinic Abu Dhabi and Honorary Lecturer at The University of Manchester, United Kingdom.

Current roles:

Independent TSC Member of ALABAMA - ALABAMA study: ALlergy AntiBiotics And Microbial resistance Review Editor, *frontiers in Immunology*, <https://www.frontiersin.org/journals/immunology#>

Editor, *Rheumatology Journal*: https://academic.oup.com/rheumatology/pages/Editorial_Board

DEI Reviewer for *The Journal of Allergy and Clinical Immunology: In Practice* <https://www.jaci-inpractice.org/>

Currently, Dr. Elkhalfifa resides in Abu Dhabi, with his family. When he's not working at Cleveland Clinic, Dr. Elkhalfifa enjoys travelling and exploring the wonderful worlds with his family. He enjoys various sports particularly swimming, running and Pilates.

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