


## CV Template of KATRD International Conference 2020

<b>Name</b>	Omar Sharif Usmani	
<b>Country</b>	UK	
<b>Organization</b>	Imperial College London Faculty of Medicine, National Heart & Lung Institute	
<b>Current Position</b>	Reader in Respiratory Medicine	

### Educational Background

Dr Usmani is a keen educator, teaching and training the next generation of future scientists and doctors. He himself completed CASLAT (Certificate of Advanced Study in Learning and Teaching) awarded by Imperial College London in 2010 and is a Fellow of the Higher Education Academy (FHEA).

As an expert on medical inhalers he was involved in an online CME program produced by the ERS, to educate respiratory professionals on inhaler therapy.

He was the Academic Advisor to the North-West London Respiratory Specialist Training Committee (STC) between 2009-2012. He was also Clinical Lead of NHLI's Clinical Research Fellow's Initiative (CRFI) that he established aiming to attract, encourage and support clinical trainees interested in undertaking postgraduate research. He is currently Imperial College's contact for Medical Students wanting to undertake Research Electives in Respiratory Medicine.

He was a committed tutor and mentor and is NHLI Postgraduate Tutor at the RBH Campus, Undergraduate Tutor to Year 1 medical students, Mentor to PhD and MSc students, and member of NHLI's Higher Degree Research Committee (HDRC). He is currently Research Supervisor to 2 PhD students.

### Professional Experiences

Omar Usmani MB BS, PhD, FHEA, FRCP, FERS, is **Reader in Respiratory Medicine and Consultant Physician** at the National Heart and Lung Institute (NHLI), Imperial College London & Royal Brompton Hospital (RBH).

He is an **International Authority on Aerosol Science and Inhalation Medicine** whose research has fundamentally contributed to the understanding of therapeutic aerosol deposition and clinical effectiveness in inhaled drug delivery to the lungs.

In 2015, he was awarded one of the highest accolades in Aerosol Science, the **Thomas T Mercer Award** from the American Association of Aerosol Research (AAAR) and the International Society of Aerosols in Medicine (ISAM), recognizing his International Research Excellence in Pharmaceutical Aerosols and Inhalable Materials.

As current **Chair of the UKIG (UK Inhaler Group)** working with Asthma UK, in 2018 he oversaw the production of a series of validated videos on inhaler technique and he represents UKIG on the Medicines Optimization Working Group, part of the Taskforce on Lung Health.

In 2019, he was awarded the **Fellowship of the European Respiratory Society (FERS)** and in 2020, he was voted by the ERS Assembly 5 members as Head-elect of Assembly 5 (Airway Diseases, Asthma and COPD).

He is **Head of Medicine Phase One (Year 3)** of the MBBS program at Imperial College London and **Clinical Lead of CSI (Clinical Science Integration)**, a flagship Phase One Module in Imperial's new MBBS Curriculum.

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## Professional Organizations

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- Between 2017 - 2020, Dr Usmani was **ERS Secretary of Assembly 5 - Airway Diseases**. Dr Usmani holds the following current International positions of esteem;
- **Chair of the UK Inhaler Group (UKIG)** having taken over the role from Monica Fletcher OBE, in 2017.
- **Vice-Chair of Drug Delivery to the Lungs (DDL)** since 2010; Europe's premier scientific conference dedicated to pulmonary and nasal drug delivery.
- **European Liaison Officer of the International Society of Aerosols in Medicine (ISAM)**; he was former Board Member 2013-2017 (maximum two terms) of this International academic organisation dedicated to inhaled drug delivery to the lungs.
- **Board Member of the Aerosol Drug Management Improvement Team (ADMIT)** since 2014; expert group of European pulmonologists involved in inhalation medicine.
- **Associate Editor** to the journals Respiration, since 2009 and, to Pulmonary Pharmacology and Therapeutics, since 2016 and, to Breathe, since 2017
- **Editorial Board member** of Journal of Aerosol Medicine and Pulmonary Drug Delivery, since 2017 and Journal of the COPD Foundation, since its inception in 2014
- He was a Steering Committee Member of the Small Airways Working Group of the **World Allergy Organization (WAO)** between 2012 - 2015; an International organization of Allergology and Clinical Immunology societies from around the world.
- In 2016, he was appointed to lead and chair the second updated version of the **International ERS/ISAM Taskforce Consensus Statement** on "What the pulmonary physician should know about inhaled therapy".

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## Main Scientific Publications

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- Israel S, Kumar A, DeAngelis K, et al., 2020, Pulmonary deposition of budesonide/glycopyrronium/formoterol fumarate dihydrate metered dose inhaler formulated using co-suspension delivery technology in healthy male subjects., Eur J Pharm Sci, Vol:153
- Satia I, Nagashima A, Usmani OS, 2020, Exploring the role of nerves in asthma; insights from the study of cough, Biochemical Pharmacology, Vol:179, ISSN:0006-2952
- Verbanck S, Biddiscombe MF, Usmani OS, 2020, Inhaled aerosol dose distribution between proximal bronchi and lung periphery, European Journal of Pharmaceutics and Biopharmaceutics, Vol:152, ISSN:0939-6411, Pages:18-22
- Bousquet J, Jutel M, Akdis CA, et al., 2020, ARIA-EAACI statement on Asthma and COVID-19 (June 2, 2020)., Allergy
- Usmani OS, 2020, Calling Time on Spirometry: Unlocking the Silent Zone in Acute Rejection after Lung Transplantation, American Journal of Respiratory and Critical Care Medicine, Vol:201, ISSN:1073-449X, Pages:1468-1470
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