

**Professor Dhavendra Kumar, MBBS (Lucknow), MD (Paeds), DCH (RCPSIre), FRCP (Ireland), FRCPCH (UK), FRCP (London), FACMG (USA)**

Since 1980 Professor Dhavendra Kumar has pursued a career in Medical Genetics in the United Kingdom. In 1990 he became a Diplomate of the American Board of Medical Genetics. He is a Fellow of the American College of Medical Genetics (FACMG) and as well as Royal Colleges of Physicians of Ireland & London and The UK Royal College of Paediatrics & Child Health.



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**Professor Dhavendra Kumar** is a Consultant in Clinical Genetics at the University Hospital of Wales, Cardiff University, United Kingdom. He is the lead Clinical Geneticist for Clinical Cardiovascular Genetics. He is the Visiting Professor to the Genomic Policy Unit at the University of South Wales, UK, the Adjunct Professor to the Public Health Genetics Unit at the Chinese Capital Medical University, Beijing (China) and Visiting Professor/ Chief Guest of the prestigious Ranbaxy Science Foundation.

During his clinical genetics career spanning over 30 years, Professor Kumar has engaged in a number of special interest developments particularly clinical dysmorphology, pediatric metabolic medicine, neurogenetics, cancer genetics and cardiovascular genetics. Currently he leads the multi-disciplinary inherited cardiac conditions service at the University Hospital of Wales, Cardiff and the Research/ Development lead for cardiovascular genetics. He is one of the founding members of the **UK Association for Inherited Cardiac Conditions (AICC)**. He has initiated development and setting up of the *International Cardiovascular Genomics Consortium* as part of the Human Variome Project's '*Disease Specific Databases*' development program and serves on the **International Scientific Advisory Group**. He served as an advisory group member for WHO project on '*Challenges of genomics for developing countries*'. Since 2010, he has served on the Council and International Scientific Committee of **Human Genome Organization (HUGO)**.

He has authored/edited '*Genetic disorders of the Indian Subcontinent-Springer*', Kluwer-Springer, 2004; '*Genomics and Clinical Medicine*'- Oxford University Press, 2008; '*Principles and Practice of Clinical Cardiovascular Genetics*'-Oxford University Press, 2010, '*Oxford Specialist Handbook on Inherited Cardiac Disease*', Oxford University Press, 2011, '*Genomics and Health in the Developing World*', Oxford University Press, 2012 and '*Genomic Medicine- Principles & Practice*', Oxford, 2014. He has several peer-reviewed publications in pediatrics and clinical genetics. In 2006, he established and developed a new biomedical journal ('*Genomic Medicine*'-Springer) that led to setting up the official journal of the Human Genome Organization ('*The HUGO Journal*') and continues to serve as the co-editor. He is the founding editor in chief for the new genomics publications- *Applied and Translational Genomics, Genomic and Molecular Medicine, Current Trends in Genomic Medicine and Cardiovascular Genetics & Genomics*.

During the long career in medical genetics, Professor Kumar has engaged in undergraduate (MB and BSc) and postgraduate teaching (MSc, MD & PhD). He has organized a number of national and international professional conferences and educational seminars. These have been widely acknowledged and appreciated at all professional levels. He founded and leads the '*Indo-UK Genetic Education Forum*'. He has initiated and leads an international genetics & genomics teaching and training program in Indian subcontinent, the Middle East, Africa and Latin America through educational seminars and establishing professional networks of joint partnership.

He is passionate for the applications of genomics in medicine, public/population health and biotechnology, particularly in developing countries. He is actively involved in discussion and collaboration for raising awareness and promoting genetics/ genomics for improved healthcare and socio-economic benefits in the emerging economies of the developing world.