



Guest Editors

R. Graham Barr

R. Graham Barr is Associate Professor of Medicine, Associate Professor of Epidemiology, and Chief of the Division of General Medicine at Columbia University Medical Center (New York, NY, USA). He is a general internist and respiratory epidemiologist. He received his medical degree from McGill University (Montreal, QC, Canada), before undertaking residency training at Columbia Presbyterian Medical Center (New York, NY, USA). He went on to undertake a fellowship at Massachusetts General Hospital (Boston, MA, USA), a respiratory epidemiology fellowship at the Channing Laboratory (Brigham and Women's Hospital, Boston, MA, USA), and a doctorate in epidemiology from Harvard School of Public Health (Boston, MA, USA).



Graham Barr's research interests lie in emphysema and COPD, with a particular focus on pulmonary vascular damage and its role in cardiopulmonary function. He uses novel imaging approaches (CT and MRI) applied to population-based samples and is principal investigator of the Multi-Ethnic Study of Atherosclerosis (MESA) Lung Study, the MESA COPD Study, and the Columbia Clinical Center of SPIROMICS (Subpopulations and Intermediary Outcome Measures in COPD Study), in addition to running the spirometry reading centre for the Hispanic Community Health Study and the Long Life Family Study.

David G. Parr

David G. Parr is Clinical Director for the Cardio-Respiratory Division and Consultant Respiratory Physician at University Hospital Coventry (Coventry, UK). He trained at the University of Cambridge (Cambridge, UK), the London Hospital Medical College at the University of London (London, UK) and the University of Birmingham (Birmingham, UK). His clinical interests include COPD and α_1 -antitrypsin deficiency, pulmonary vascular disease and interstitial lung disease, and his research interest is in quantitative imaging of chronic lung diseases.



Jens Vogel-Claussen



Jens Vogel-Claussen is Professor of Radiology, Vice-Chair of the Department of Diagnostic and Interventional Radiology and Section Chief of Cardiothoracic Imaging at the Hannover Medical School (Hanover, Germany). He undertook his doctoral thesis at Eberhard-Karls-Universität (Tübingen, Germany) before moving onto an internship at Broomfield Hospital (Chelmsford, UK) and a radiological residency at The Johns Hopkins University Hospital (Baltimore, MD, USA). Alongside his current position, he also holds a visiting faculty position at The Johns Hopkins University Hospital and is Principal Investigator within the German Center for Lung Research (DZL).

Jens Vogel-Claussen's research focuses on the translation of novel functional cardiopulmonary MRI techniques into the clinic for improved diagnosis and patient monitoring.

Jens Vogel-Claussen is a member of a number of committees. He is part of the expert panel for the American College of Radiology Appropriateness Criteria for Cardiac Imaging, and is part of the Young Investigator Awards Committee for the International Society for Magnetic Resonance in Medicine.

Jens Vogel-Claussen has had 71 peer-reviewed scientific articles published and has acted as a consulting editor for *Circulation: Cardiovascular Imaging*.