Barbara Casadei MD (*Pavia, Italy*), MA DPhil (*Oxon*), FRCP (*London*), FESC
British Heart Foundation Professor of Cardiovascular Medicine (2012)
Honorary Consultant in Cardiovascular Medicine (1995)

I graduated in Medicine from the University of Pavia and started my specialist training in Cardiology in Italy. In 1989 I came to the UK with a 6-month clinical training fellowship in Cardiology and have been in Oxford ever since. I became the Joan and Richard Doll Research Fellow at Green College and obtained a DPhil in 1995 under the supervision of Professor Peter Sleight. I have been honorary consultant since 1995. In 2001 I was awarded a Senior Research Fellowship from the British Heart Foundation and in 2012 I became a BHF Professor in Cardiovascular Medicine in Oxford.

I am member of a number of committees that promote cardiovascular basic and translational science, both in the UK and internationally. In particular, I am one of the founding members and current Chair of the Council for Basic Cardiovascular Sciences (CBCS) of the European Society of Cardiology (a body that encompasses all of the major stakeholders in basic and translational cardiovascular research in Europe) and a co-founder and core organiser of the CBCS's international meeting series (Frontiers in Cardiovascular Biology). In Oxford, I am Director of Graduate Studies for Cardiovascular Medicine and a long-serving member of the Steering Committee of the Graduate Programme in Cardiovascular Science.
I started my research career as a clinical investigator and I progressively drifted into mice, cells, molecules, and back to humans. This development has been made possible thanks to the help and friendship of many colleagues, from whom I have learnt (and still learn) a great deal, and the support and mentorship of my Head of Department. By the time I completed my DPhil, I had become addicted to the collegiality and challenges of the academic environment and the excitement that comes from being part of it.

My research focus is in understanding myocardial nitric oxide-redox biology and its role in the pathogenesis and complications of common cardiovascular diseases, such as heart failure and atrial fibrillation. My research programme links mechanistic studies in human cardiac tissue to animal models of human disease and patient-based investigations. This has proved to be an efficient way of testing hypotheses and identifying new disease mechanisms and therapeutic targets.