

DEVELOPMENT

This volume collects essays from prominent intellectuals and public figures based on talks given at the 2015 Darwin College Lectures on the theme of 'development'. The writers are world-renowned experts in such diverse fields as architecture, astronomy, biology, climate science, economy, psychology, sports, and technology. *Development* includes contributions from developmental biologist and Nobel laureate John B. Gurdon, Olympic gold medallist Katherine Grainger, astronomer and cosmologist Richard Ellis, developmental psychologist Bruce Hood, former Met Office Chief Scientist Julia Slingo, architect Michael Pawlyn, development economist Ha-Joon Chang, and serial entrepreneur Hermann Hauser. While their perspectives and interpretations of development vary widely, their essays are linked by a common desire to describe and understand how things change, usually in the direction of ever-increasing complexity.

Written with the lay reader in mind, this interdisciplinary book is a must-read for anybody interested in the mechanisms underlying the changes we see in the world around us.

TORSTEN KRUDE is a University Senior Lecturer in Cell Biology at the University of Cambridge, and a Fellow at Darwin College. His research on the regulation of DNA replication in human cells has been widely published in leading international journals. In 2012 he received the prestigious Pilkington Prize for excellence in teaching by the University of Cambridge. He oversees the Darwin College Lecture Series and is also responsible for the development of the College Gardens.

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Development

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Edited by *Torsten Krude* and *Sara T. Baker*
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Notes on Contributors

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John Gurdon was judged at school to be wholly unsuited to science, having come bottom in a class of 250 in Biology. However, he was able to take up science at Oxford University, where he also did a PhD. His work led to the concept that an egg has the ability to rejuvenate the nucleus of an adult cell, and hence to the current prospect of replacing aged and diseased cells in humans with new cells derived from other body cells such as skin. In mid-career he moved to Cambridge, where he still works in the University, in a major research institute that has been named in his honour, The Gurdon Institute. He is an Honorary Fellow of Christ Church, Oxford, and of Magdalene and Churchill Colleges in Cambridge. He served as Master of Magdalene College, Cambridge, from 1995–2002. He has received a number of awards, including the Copley Medal of the Royal Society (2003), the Lasker Award for Basic Medical Research (2009), and the Nobel Prize for Physiology or Medicine (2012).

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