

## C.V. Prof Denis Duboule

**Denis Duboule** ForMemRS (born in Geneva in 1955) is a Swiss-French biologist. He earned his PhD in Biology in 1984 and is currently Professor of Developmental Genetics and Genomics at the EPFL and at the department of Genetics and Evolution of the University of Geneva. Since 2001, he is also the Director of the Swiss National Research Center 'Frontiers in Genetics'. He has notably worked on Hox genes, a group of genes involved in the formation of the body plan and of the limbs.

Denis Duboule obtained a PhD from the University of Geneva in 1984. After questioning Karl Illmensee's claims of having cloned a mouse, Duboule departed to work as a postdoc and then a group leader at the University of Strasbourg, with Pierre Chambon. In 1988, he became a group leader at the European Molecular Biology Laboratory in Heidelberg, Germany. In 1992, he obtained a tenure at the Geneva University. From 1997, he has headed the Department of Genetics and Evolution (formerly Zoology and Animal Biology) Since 2001, he has also chaired the NCCR Frontiers in Genetics and, since 2006, he is a full professor at the EPFL.

Denis Duboule has a longstanding interest in the function and regulation of Hox genes, a family of genes responsible for the organization and evolution of animal body plans. These genes have been a paradigm to understand embryonic patterning, in developmental, evolutionary and pathological contexts. Denis Duboule's contributions are thus in the field of vertebrate developmental genetics with some interface with medical genetics and evolutionary biology. Since 1985, he reported several discoveries related to the biology of homeobox genes, in particular concerning the Hox gene family. A brief account can be found in the article"

- Elected member of EMBO (1993)
- National Latsis Prize (1994)
- Elected member of the Academia Europaea (1997)
- Cloëtta Prize for Medicine (1997)
- Louis-Jeantet Prize for Medicine (1998)<sup>[2]</sup>
- Elected member of the Royal Netherland Academy of Arts and Science (2000)
- Marcel Benoist Prize (2003)
- Grand Prix Charles-Leopold Mayer (2004)<sup>[2]</sup>
- Elected member of the Swiss Academy of Medical Sciences (2005)
- Elected member of the French Academy of Sciences (2005)
- Elected foreign hon. member of the American Academy of Arts and Sciences (2006)
- Dr. honoris causa from the Ecole Normale Supérieure, Paris (2010)
- INSERM International Prize (2010)
- Prix de la Fondation pour Genève (2011)
- Foreign Member of the Royal Society (2012)<sup>[1]</sup>