



Lecture Series
Paths of Discovery in Biology
organized by the ZMBH and HBIGS

Tim Hunt

Cancer Research UK - Clare Hall Laboratories

"How to win a Nobel Prize: The Secret of Cell Division"

Monday 05.05.2014, 4.00 pm
BioQuant (INF 267), large seminar room 041



Tim Hunt is an emeritus 'Principal Scientist' at Cancer Research UK. He did his PhD in the Department of Biochemistry at Cambridge University on "*The Synthesis of Haemoglobin*" (1968).

After a postdoctoral period at the Albert Einstein College of Medicine, Dr Hunt returned to Cambridge in 1970. Altogether he was in Cambridge for almost 30 years, spending summers at the Marine Biological Laboratory, Woods Hole, from 1977 to 1985. His early work was on control of protein synthesis, but later he turned his attention to the cell cycle. In 1982, he discovered cyclins, using

sea urchins as a model system. This led to a share of the 2001 Nobel Prize in Physiology or Medicine, with Lee Hartwell and Paul Nurse, for their "Discovery of key regulators of the cell cycle".

Dr Hunt has written two books, "*The Cell Cycle: An Introduction*" (with Andrew Murray) and "*Molecular Biology of the Cell: The Problems Book*" (with John Wilson).

He sits on numerous scientific advisory panels. He was chairman of the EMBO Council and is a member of the Scientific Council of the European Research Council (ERC) and also of numerous prestigious academic societies.

The **Paths of Discovery in Biology Lecture Series** is open to the public. It especially targets graduate students, doctoral students and postdocs who want to learn about the thrills of scientific discovery from speakers who made seminal contributions to biology. The focus is less on individual results but on the process of discovery and historical perspective on a complete field of research.