

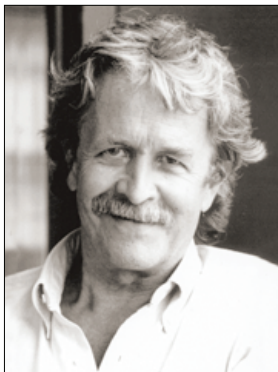
Lecture Series
Paths of Discovery in Biology
organized by the ZMBH and HBI GS

Hermann Bujard

Zentrum für Molekulare Biologie der Universität Heidelberg (ZMBH)

"Controlling Gene Activities in Eukaryotes with
Prokaryotic Elements and Tetracyclines"
- a tale of trying to understand some basics in DNA-protein interaction -

Tuesday 21.05.2013, 4.00 pm
ZMBH (INF 282), large seminar room 001



Hermann Bujard received a PhD in Organic Chemistry at the Universität Göttingen. After a 5 year stay in the US as post-doctoral fellow and Assistant Professor, he moved to the Universität Heidelberg as Professor of Molecular Genetics. In 1983, he joined Hoffmann LaRoche, Basel, as Head of Biological Research. In 1986 he returned to Heidelberg as first Director of the newly founded ZMBH, where he is now Professor Emeritus. Hermann Bujard's research interests focus on mechanisms that control gene expression at the transcriptional level in pro- and eukaryotes. In 1992 Bujard and Gossen developed the tetracycline-regulated expression system ("Tet System"), a powerful and widely used genetic tool that permits the controlled expression of any gene introduced into either cultured cells or transgenic organisms. Since 1983, Hermann Bujard has also been interested in the development of a vaccine against infections of *Plasmodium falciparum*, the causative agent of *Malaria tropica*.

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.