

Preface

In 1998, we organized the first specialized meeting in the field of signal transduction and gene expression in Luxembourg. This type of meeting was originally intended to teach doctoral students attending the cellular and molecular biology program (DEA de Pharmacologie moléculaire) of the University of Nancy I (France).

From 1998 to 2004, this teaching program became a full-size international meeting and more than 4300 fundamental and clinical researchers have gathered in Luxembourg to discuss therapeutic applications in the field of signal transduction, transcription, and translation. Our meetings allow new insights into a rapidly moving field. Novel antibodies against receptors, protein kinase inhibitors, and siRNA targeting both signal transduction and gene expression will certainly lead to the therapeutic approaches that will be developed and used in this new century.

This is the final of four volumes forming the proceedings of our Cell Signaling World 2006 meeting. The contributions are divided according to areas of research. Part D focuses on inflammatory signaling pathways and the role of signaling pathways in neuropathological conditions including depression, schizophrenia, Alzheimer's disease, and other senile dementias.

This field is moving forward so rapidly that another meeting has been set for January 23–25, 2008, at which fundamental and clinical researchers will gather again in Luxembourg for an eighth meeting, entitled Apoptosis World 2008: From Mechanisms to Applications. The details of this meeting, which will focus on the evolution of the therapeutic applications derived from the field of signal transduction, can be accessed at <<http://www.transduction-meeting.lu>>.

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