

Second U.S.-French Sponsored
International Seminar On
Sigma Opioid/Phencyclidine-Like Compounds
as Molecular Probes in Biology

June 29–July 2, 1987
University of Michigan
Ann Arbor, MI

Editors

Edward F. Domino
Department of Pharmacology
University of Michigan
Ann Arbor, Michigan

Jean-Marc Kamenka
CNRS LP8402-INSERM 249
Ecole Nationale Supérieure de Chimie
Montpellier, France

About 100 U.S. and international scientists, especially from France, gave oral and poster presentations covering various aspects of *sigma* opioid/phencyclidine-like compounds at a meeting held at the University of Michigan in Ann Arbor, June 29–July 2, 1987. The research reported herein suggests that some of these compounds are useful to define the nature of ionic channels coupled to a variety of neurotransmitters. Special emphasis was given to the biochemical, pharmacological, and behavioral relationships to N-methyl-D-aspartate (NMDA) antagonism. Seven sessions were held including: I. Chemistry, II. Interactions at the biochemical and molecular levels, III. PCP, NMDA and *sigma* interactions, IV. Pharmacological aspects, V. Drug metabolism and metabolites, VI. Immunological aspects, and VII. Possible therapeutic applications-brain protection. The seminar was sponsored by the Centre National de la Recherche Scientifique, Ecole Nationale Supérieure de Chimie de Montpellier, National Science Foundation, National Institute on Drug Abuse, University of Michigan Medical School, University of Michigan Department of Pharmacology, and the University of Michigan School of Public Health. The principal benefactors were the National Institute on Drug Abuse, Centre National de la Recherche Scientifique, and the National Science Foundation. The Seminar supporters included Abbott Laboratories, Ayerst Laboratories, Bristol-Myers Company, Burroughs Wellcome Company, Ciba-Geigy Corporation, E.I. Du Pont de Nemours and Company, Hoffmann-LaRoche Inc., Lilly Research Laboratories, LyphoMed, Inc., Merck Sharp and Dohme Research Laboratories, McNeil Pharmaceutical, Miles Laboratories, NPP Books, Sanofi Recherche, Schering Corporation, G.D. Searle, Division of Monsanto, Sobio Laboratories, Soroptimist Club of La Grande Motte, The Upjohn Company, University of Michigan Medical School Office for Research and Graduate Studies, and the University of Michigan School of Public Health. The complete proceedings of this meeting will appear in book form through NPP Books, P.O. Box 1491, Ann Arbor, MI 48106.