Drug Discrimination: Applications to Drug Abuse Research

Editors:

Richard A. Glennon, Ph.D.
Medical College of Virginia
Virginia Commonwealth University

Torbjörn U.C. Järbe, Ph.D.
Department of Psychology
University of Uppsala

Jerry Frankenheim, Ph.D.
Division of Preclinical Research
National Institute on Drug Abuse

Research Monograph 116
1991

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Public Health Service
Alcohol, Drug Abuse, and Mental Health Administration

National Institute on Drug Abuse
5600 Fishers Lane
Rockville, MD 20857
Contents

Introduction .................................................. 1
Richard A. Glennon

A Historical Perspective on Drug Discrimination .......... 5
Donald A. Overton

Discriminative Stimulus Properties of Hallucinogens and
Related Designer Drugs .................................. 25
Richard A. Glennon

Discriminative Stimulus Properties of Amphetamine,
Cathinone, and Related Agents ............................. 45
A.J. Goudie

Discriminative Stimulus Effects of Cocaine .................. 61
William L. Woolverton

Discriminative Stimulus Functions of
Cannabinoids/Cannabimimetics .............................. 75
Torbjörn U.C. Järbe and Diane A. Mathis

Discriminative Stimulus Properties of Nicotine:
Mechanisms of Transduction ............................... 101
John A. Rosecrans and Heidi F. Villanueva

Discriminative Stimulus Properties of Benzodiazepines
and Several New Anxiolytics ............................... 117
Richard Young