

John Parascandola

---

Studies in the History of Modern  
Pharmacology and Drug Therapy

---

ASHGATE  
VARIORUM

# CONTENTS

Preface	xi	
Acknowledgements	xv	
I. PHARMACOLOGICAL SCIENCE AND THEORY		
I	Structure-activity relationships: the early mirage <i>Pharmacy in History 13.1, 1971</i>	3–10
II	Origins of the receptor theory of drug action (with Ronald Jasensky). <i>Bulletin of the History of Medicine 48.2, 1974</i>	199–220
III	The controversy over structure-activity relationships in the early twentieth century <i>Pharmacy in History 16.2, 1974</i>	54–63
IV	The evolution of stereochemical concepts in pharmacology <i>van't Hoff-LeBel Centennial, ed. O.B.Ramsay (American Chemical Society Symposium Series 12). Washington, D.C., 1975</i>	143–158
V	Arthur Cushny, optical isomerism and the mechanism of drug action <i>Journal of the History of Biology 8.2, 1975</i>	145–165
VI	Carl Voegtlin and the “arsenic receptor” in chemotherapy <i>Journal of the History of Medicine and Allied Sciences 32.2, 1977</i>	151–171
VII	The theoretical basis of Paul Ehrlich’s chemotherapy <i>Journal of the History of Medicine and Allied Sciences 36.1, 1981</i>	19–43

- VIII The development of receptor theory 129–156  
*Discoveries in Pharmacology, Volume 3: Pharmacological Methods, Receptors and Chemotherapy, eds M.J. Parnham and J. Bruinvels. Amsterdam: Elsevier, 1986*
2. DISCIPLINE OF PHARMACOLOGY
- IX John J. Abel and the early development of pharmacology at the Johns Hopkins University 512–527  
*Bulletin of the History of Medicine 56.4, 1982*
- X Development of pharmacology in American schools of pharmacy (with John Swann) 95–115  
*Pharmacy in History 25.3, 1983*
- XI The beginnings of pharmacology in the Federal government 179–187  
*Pharmacy in History 30.4, 1988*
- XII The “preposterous provision”: The American Society for Pharmacology and Experimental Therapeutics’ ban on industrial pharmacologists, 1908–1941 29–47  
*Pill Peddlers: Essays on the History of the Pharmaceutical Industry, eds J. Liebenau, G.J. Higby and E.C. Stroud. Madison, WI: American Institute of the History of Pharmacy, 1990*
3. DRUG THERAPY
- XIII The search for the active oxytocic principal of ergot: laboratory science and clinical medicine in conflict 205–226  
*Neue Beiträge zur Arzneimittelgeschichte: Festschrift für Wolfgang Schneider zum 70. Geburtstag, eds E. Hickel and G. Schroder. Stuttgart: Wissenschaftliche Verlagsgesellschaft, 1982*
- XIV The introduction of antibiotics into therapeutics 261–281  
*History of Therapy: Proceedings of the Tenth International Symposium on the Comparative History of Medicine – East and West, eds Y. Kawakita, S. Sakai and Y. Otsuka. Tokyo: Ishiyaku EuroAmerica, 1990*

## CONTENTS

ix

XV	Miracle at Carville: the introduction of the sulfones for the treatment of leprosy <i>Pharmacy in History 40.2/3, 1998</i>	59–66
XVI	John Mahoney and the introduction of penicillin to treat syphilis <i>Pharmacy in History 43.1, 2001</i>	3–13
XVII	From germs to genes: trends in drug therapy, 1852–2002 <i>Pharmacy in History 44.1, 2002</i>	3–11
XVIII	Chaulmoogra oil and the treatment of leprosy <i>Pharmacy in History 45.2, 2003</i>	47–57
XIX	From mercury to miracle drugs: syphilis therapy over the centuries <i>Pharmacy in History 51.1, 2009</i>	14–23
Index		1–4

This volume contains xvi + 324 pages