

# The IUPHAR Compendium of Basic Principles for Pharmacological Research in Humans

<b>Introduction .....</b>	<b>4</b>
Chapter 1. Ethical Considerations .....	5
Chapter 2. Good Clinical Practice .....	11
Chapter 3. Assessment of Endpoints: Kinetics and/or Dynamics .....	16
Chapter 4. Pharmacogenetics and Pharmacogenomics .....	27
Chapter 5. Paediatric Drug Research .....	34
Chapter 6. Phase I (Human Pharmacology) .....	40
Chapter 7. Follow-Up of Drugs After Market Entry .....	50
Chapter 8. Bioavailability and Bioequivalence .....	55
Chapter 9. Pharmacoeconomics and Economic Evaluation of Drug Therapies .....	67
Chapter 10. Drug Utilization .....	76
<b>Pharmacological Research in Cardiovascular Disorders .....</b>	<b>86</b>
Chapter 11. Hypertensive Vascular Disease .....	87
Chapter 12. Lipid Lowering Agents .....	106
Chapter 13. Anti-atherosclerotic Drugs .....	118
Chapter 14. Heart Failure .....	132
Chapter 15. Arrhythmias .....	143
<b>Pharmacological Research in Neurologic Disorders .....</b>	<b>164</b>
Chapter 16. Epilepsies and Convulsive Disorders .....	165
Chapter 17. Headache Disorders .....	183
Chapter 18. Alzheimer's Disease and Other Dementias .....	212
Chapter 19. Parkinson's Disease and Other Extrapyrarnidal Disorders .....	228
Chapter 20. Multiple Sclerosis and Other Demyelinating Diseases .....	248
<b>Pharmacological Research in Mental Disorders .....</b>	<b>263</b>
Chapter 21. Mood Disorders .....	264
Chapter 22. Anxiety Disorders .....	272
Chapter 23. Schizophrenic Disorders .....	278
Chapter 24. Alcoholism and Nicotine Addiction .....	285
<b>Pharmacological Research in Joint Disorders .....</b>	<b>293</b>
Chapter 25. Osteoarthritis/arthrosis Short Term Studies .....	294
Chapter 26. Osteoarthritis/arthrosis Long Term Studies .....	308
Chapter 27. Rheumatoid Arthritis .....	318
<b>Pharmacological Research in Other Disorders .....</b>	<b>337</b>
Chapter 28. Neoplastic Diseases .....	338
Chapter 29. Analgesic Drugs for Cancer Pain Management .....	352
Chapter 30. Drugs Used in Osteoporosis .....	366