

Contents

Pharmacometry in man: The state of the art	
<i>L. Lasagna</i>	1
Discussion	8
Log dose-response curves in basic and clinical pharmacology	
<i>L. Lemberger</i>	11
Discussion	20
Circadian chronopharmacologic modulation of dose-response relationships in rodents and in men	
<i>A. Reinberg and F. Levi</i>	23
Discussion	35
Dose response relationships in normal versus diseased subjects	
<i>M. Orme</i>	37
Discussion	46
Pharmacokinetic modulation of the dose-response relationship	
<i>J.G. Baxter, J.A. Barnett and D. Lalka</i>	49
Discussion	65
Considerations of dose-response with centrally-acting drugs	
<i>A.N. Nicholson, P.A. Pascoe and M.B. Spencer</i>	67
Discussion	77
Dose-response relationships in drug dependence in humans	
<i>C.A. Naranjo and U.E. Busto</i>	79
Discussion	93
The dose-response curve in indirectly acting drugs	
<i>P. du Souich, P. Laroche, S. Marleau and J. Cusson</i>	95
Discussion	113
Dose response relationships in toxicology	
<i>L.F. Prescott</i>	115
Discussion	129

The dose response relationship and clinical trials	
<i>C. Maxwell</i>	131
Discussion	141
Dose-response and registration of new drugs	
<i>R. Temple</i>	145
Discussion	168
Dose-response relationship in respect of biochemical effects of drugs and the problem of adaptive responses	
<i>D.G. Grahame-Smith</i>	171
Discussion	185
Effect of age on the dose response curve	
<i>P.L. Morselli</i>	187
Discussion	197
Dose-response relationship and therapeutic drug monitoring	
<i>E. Perucca and F. Pisani</i>	201
Discussion	213
An epidemiological approach to dose-response relationships	
<i>U. Busto and C.A. Naranjo</i>	215
Discussion	228
Dose response effects in analgesimetry: Clinical vs experimental pain	
<i>H.J. McQuay</i>	231
Discussion	244
The dose-response curves in essential hypertension	
<i>P. Larochelle</i>	247
Discussion	254
The dose response relationship in anesthesiology	
<i>W.S. Nimmo</i>	257
Discussion	269
Pharmacological dose-response curves in gastrointestinal therapy	
<i>T.R. Weihrauch and P. Demol</i>	273
Discussion	290

Dose-response relationships in antimicrobial therapy	
<i>A.M. Geddes</i>	293
Discussion	306
Dose response relationships in psychopharmacology	
<i>L.F. Gram</i>	309
Discussion	318
The relation between dose and response to diagnostic drugs	
<i>E.A. Carr Jr, J.M. Gona, M. Carroll and R.J. Kurland</i>	321
Discussion	336
Index of authors	339
Subject index	341