

Thai Journal of Pharmacology

Vol. 26, No. 1, Jan-Apr 2004

Contents

- 6 Preface
- 13 Chiravat memorial lecture:
Determinants of interindividual variability in drug glucuronidation;
towards more effective drug therapy
- 14 PL1 Pharmacology of Taurine
- 20 PL2 Potential drugs for neurodegenerative diseases
- 30 PL3 Pharmacological intervention to improve defibrillation efficacy
- 38 PD1 Herbal Medicine
The role of essential oils in treating viral conditions and disease
- 41 PD2 Alternative medicine
- 53 O1 Frequent co-occurrence of polymorphisms in UDP-
glucuronosyltransferase 1A1 and 1A6 in Thai β -
thalassemia/Hb E and African American sickle cell
anemia patients
- 54 O2 The molecular mechanism of hemin induce platelet aggregation
and secretion
- 55 O3 Extract from *Barringtonia acutangula* reduces oxidative stress
during experimental anemia in rats
- 56 O4 Studies of oxidative stress induced damage on lipoproteins
in β -thalassemia/hemoglobin E.
- 57 O5 Metaanalysis of reaction time in psychometric performance test follow
psychoactive drugs
- 58 P1 A survey study on attitudes of Thai women in accepting Norplant[®]
implants and Norplant-2[®] implants
- 59 P2 The toxicity test of *Momordica charantia* l. seed protein
- 60 P3 Influence of coding region mutations (G71R, F83L, P229Q
and Y486D) in the human UDP-glucuronosyltransferase 1A1
(*UGT1A1*) gene on enzyme activity and substrate selectivity.
- 61 P4 Genetic polymorphism and thiopurine methyltransferase activity in
acute lymphoblastic leukemia children
- 62 P5 Oxidative stress and protein damage in thalassemia patients and
smokers.
- 63 P6 Effect of mulberry (*Morus alba* linn.) leaves extracts
on plasma glucose level in streptozotocin-induced
diabetic rats.

- 64 P7 Neutralizing effects of n-acetylcysteine against cobra (*Naja naja kaouthia*) venom.
- 65 P8 The treatment of surgical wounds in dogs and cats using a film dressing of polysaccharide, extracted from the fruit-hull of durian (*Durio zibethinus* l.)
- 66 P9 The pharmacokinetics study of propranolol in thalassemic patients
- 67 P10 The pharmacokinetics study of paracetamol and its metabolites in thalassemic patients
- 68 P11 Studies of the pro-oxidant activity of artemisinin and quinoline-containing drugs using LDL oxidation as a model
- 69 P12 The effects of phytoestrogen, *Pueraria mirifica*, on LPS-induced microglial activation.
- 70 P13 A toxicity study of *Morus alba* l. leaf extract.
- 71 P14 Effect of barakol on the forced swimming behavior in social isolation reared rats
- 72 P15 Effect of carbamazepine on locomotor activity in stress rats
- 73 P16 Possible anti-inflammatory mechanisms of pure compounds from *Ventilago harmandiana*.
- 74 P17 Pharmacological characterization of the NMDA receptor: focus on nr2b subtype in the human platelet
- 75 P18 Molecular mechanism of uteroglobin-related protein 1 (UGRP1) induction by interleukin-10 in airway epithelial cells
- 76 P19 Pharmacological effects of *Antidesma acidum*
- 77 P20 Hepatoprotective effect of *Thunbergia laurifolia* in primary culture of rat hepatocytes treated with ethanol
- 78 P21 Structure-activity relationships of *trans*-cinnamic acid derivatives on α -glucosidase inhibition
- 79 P22 Subacute effects of *Murdannia loriformis* ethanolic extract on clinical blood chemistry and hematology in rats
- 80 P23 Subacute effects of *Centella asiatica* ethanolic extract on clinical blood chemistry and hematology in rats
- 81 P24 Effects of the dried-stem powder of *Cissus quadrangularis* on hepatic cytochrome P450, clinical blood chemistry and hematology in rats
- 82 P25 Vasorelaxation effect of metformin in rat thoracic aorta