

INDIAN JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY

INDEX TO VOLUME 40 - Nos. 1-4 (1996)

AUTHOR INDEX

A

Abraham, Annie 155
 Abraham, J. 134
 Afzal, S. 237
 Aggarwal, Shailender 175
 Ahamed, S. Mubarak 350
 Akhtar Knanam, Ayesha 318
 Alumunani, E. O. 171
 Amirtharaj, Gestsie 127
 Anand, B, K. 288
 Appa Rao, Chippada 139
 Awasthi, P. K. 241, 245

B

Bajpai, R. 330
 Balakumar, Bharathi 350
 Balasubramaniam, S. 199
 Ballal, P. M. 95
 Balraj, K. Henri 262
 Balsara, J. J. 271
 Bamosa, A. O. 23
 Bangaru, R. A. 220
 Bansal, S. 87
 Banerjee, B. 262
 Banerjee, M. 237
 Banerjee, N. S. 159
 Banerji, Taruna 280
 Bhatia, R. 345
 Bhosale, B. B. 271
 Bhattacharya, Abhijeet 225
 Bhurga, Praveen 109, 120
 Biswas, Dalla A. 79
 Bobba, Radhika 249
 Bose, S. 385

C

Chakrabarty, A. S. 106
 Chakravarti, A. 192
 Chandy, M. J. 134
 Chattraj, Tapas 241
 Cherian, L. 134
 Chopde, C. T. 95
 Cohly, H. H. P. 183

D

Damodarasamy 127
 Das, S. 35
 Das, Suman K. 183
 Dave, K. C. 65
 Deepak, K. K. 145, 309, 318, 325
 Deepika, Nayar 280
 Desautels, M. 167
 Descartes, Rene 197
 Desiraju, T. 15
 Devi, C. S. Shyamala 297
 Devi, R. Sheela 70
 Dey, Sangita 47
 Dhar, S. K. 104
 Dhingra, N. K. 213
 Dinesh Kumar 367
 Dixit, A. K. 340
 Dumka, Vinod K. 41, 163
 Dwivedi, S. N. 280

F

Flora, J. S. 180

G

Gada, D. 385
 Gandhi, A. 35
 Ganguly, Barna 245
 Garg, H. K. 241
 Gautam, G. S. 278
 Gautam R. Ullal. 303
 Godbole, S. A. 325
 Goel, N. 345
 Goyal, R. K. 65, 83, 220
 Goswami, M. 75
 Gowrishankar, R. 253
 Gulati, O. D. 109, 120
 Guleria, Randeep 318
 Gupta, H. L. 29
 Gupta, Suneet 175

H

Hasan, Mehadi 241
 Hore, Subrata K. 367

I

Indrayan, A. 330
 Ithayarsi, A. Paritha 297

J

Jadav, J. H. 271
 Jahan, Nasim 309
 Jain, S. 145
 Jepegnanam, Vimala 127
 Jitendra Singh 15
 Joseph, Thangam 249, 253
 Joshi, S. D. 65

K

Kabi, B. C. 106
 Kamal Kishore 387
 Kanji, Vijaya K. 183
 Kannan, G. M. 180
 Kapil, Umesh 280
 Kartha, K. N. B. 335
 Kaur, A. H. 87
 Kaur, P. 35
 Kaushal, Navita 309
 Khan, Beena A. 155
 Khan, Nizam U. 231
 Khanam, Ayesha Akhtar 318
 Khanzode, Suchet D. 159
 Kharkar, Vishwas T. 159
 Kher, Jayant R. 79
 Knopman, David S. 5
 Kochhar, K. P. 145, 325
 Kochupillai, N. 325
 Krishnamurthy, N. 350
 Kumar, Dinesh 367
 Kumar, Pravin 180
 Kumar, Sanjay 257
 Kumar, Vijay 275, 372, 381
 Kuruvilla, A. 134
 Kuttan, R. 363

L

Lakkad, N. B. 220
 Lakshmana, M. K. 213
 Lakshminarayana, J. 340
 Lal, A. 192
 Lal, H. 87
 Leelamma, S. 155

M

Mahajan, A. 267
 Mahajan, K. K. 267
 Madhusudhan Rao, V. 127
 Mahakalkar, Sunil M. 159
 Maheshwari, M. C. 145
 Manchanda, S. K. 145
 Mandhane, Sanjay N. 95
 Manekar, Motiram S. 159
 Mathur, M. L. 340
 Mathur, Rashmi 289
 Mattu, Sushma 104
 Mehta, H.C. 65
 Mehta, Nalin 3
 Mena, Narasaiah B. 289
 Meti, B. L. 213
 Mishra, K. K. 151
 Mishra, N. 267
 Mishra, U. K. 91
 Mitti Mohan S. 58, 391
 Mohan Rao, Gutti Madan 98
 Mohan, S. Mitti 58, 391
 Mukhopadhyay, S. 29
 Mukhtar, M. R. 98
 Mund, S. 75
 Muralidhara, D. V. 167

N

Naik, P. R. 190
 Namasivayam, A. 70, 195
 Nasim Jahan 309
 Nayar, Deepika 280
 Nayar, Usha 289
 Neeta Singh 199
 Nilima Shankar 225
 Njoku, O. U. 171
 Nwanjoh, J. 171

O

Ononoglu, I. C. 171

P

Padmavathy, V. N. 297
 Pais, Prem 249
 Pandey, Alka 190
 Pandey, B. L. 355
 Pandey, H. P. 151
 Pandeya, S. N. 190
 Pandhi, P. 278
 Panjwani, Usha 29
 Pantic, Senka M. 186
 Pantic, Vojislav S. 186
 Parsi, B. 106

Paudel, B. H. 309
 Peller, Janet D. 5
 Pradhan, S. C. 390
 Pravin Kumar 180
 Potnis V. 383

R

Rajinder Singh 231
 Raju T. R. 15, 213
 Ramakrishna, T. 335
 Ramakrishnan, R. 195
 Rao, Chippada Appa 139
 Rao, Gundu H. R. 5
 Rao, Gutti Madan Mohan 98
 Rao, M. Rajeswara 183
 Rao, M. V. 220
 Rao, V. Madhusudhan 127
 Rao, Y. N. 106
 Raveendran, R. 359
 Raviprakash, V. 41, 163
 Ray, A. 75
 Ray, Amit Kumar 47
 Ray, N. K. 104
 Rishi, R. K. 377
 Rybak, Leonard P. 205

S

Sachan, A. S. 180
 Sachdeva, Usha 318
 Saha, S. 35
 Sahai, A. 390
 Salahudeen, A. K. 183
 Sanjay Kumar 257
 Santani, D. D. 65
 Sarabadhikari, S. N. 47
 Satia, Milan C. 83
 Satishchandra, P. 303
 Saxena, Nandini 280
 Selvamurthy, W. 29
 Seth, S. D. 377
 Shah, P. 325
 Shankar, Nilima 225
 Shankar, S. K. 303
 Sharma, K. N. 225
 Sharma, P. L. 278
 Setty, V. V. 183
 Sheela Devi, R. 70
 Sheth, J. J. 65
 Shukla, Mahesh L. 83
 Shukla, N. 91
 Shyamala Devi, C. S. 297
 Sindhvani, S. K. 104
 Singh, J. 87
 Singh, Jitender 15
 Singh, K. K. 145
 Singh, Neeta 199

Singh, Rajinder 231
 Singh, R. K. 355
 Singh, S. H. 29, 35
 Singhal, K. C. 231, 237, 241, 245, 265
 Sneha Latha, C. 139
 Somani, Satu M. 205
 Soni, R. 385
 Srinivasan, V. 350
 Srivastava, Archana 265
 Suchet, D. 159
 Sulochana 127
 Suthanthirarajan, N. 195

T

Tandon, Surendra K. 41, 163, 367
 Tandon, O. P. 175, 257, 275, 345, 372, 381
 Thakur, L. 29
 Thangam Joseph 249, 253
 Thombre, D. P. 262
 Thresiamma, K. C. 363
 Tripathi, Harish C. 41, 163
 Tiwari, S. 91

U

Ullal, Gautam R. 303
 Umesh Kapil 280
 Usha Nayar 289
 Usha Sachdeva 318

V

Vaney, Neelam 175
 Varshney, Alok 225
 Vengadesh, G. Sri 350
 Venkataraman, B. V. 249
 Vijay Kumar 275, 372, 381
 Vishwakarma, S. K. 192

W

Wang, C. 183
 White, James G. 5

SUBJECT INDEX**A**

absolute basophil count 385
 acetylcholinesterase 134
 active avoidance 75
 adverse drug reactions 389
 age 127
 albendazole 265
 albino rats 105

- alcohol dehydrogenase 167
 allergic rhinitis 191
 alpha-methyl-p-tyrosine 271
 alzheimer's disease 5
 analgesia 95, 289
 analgesic efficacy 103
 animal model of depression (rats) 47
 ANOVA (analysis of variance) 385
 anti-epileptic drugs 29, 303
 antifilarial activity 231
 anti-inflammatory activity 189
 antioxidant 363
 antioxidant enzyme 205
 apomorphine 16, 241
 aorta 120
 asbestos 98
 asthma 318
 atenolol 220
 atherogenic lipids 151
 audiogram 35
 audiovisual reaction time 35
 auditory event 274
 autonomic dysfunction 145, 325
 autonomic functions 309
 autonomic function test 318
 α -tocopherol 297
- B**
- BAEPs 381
 bioavailability 253
 blood group 171
 blood pressure 35
 bradykinin 367
 brain dopamine 193
 brainstem auditory event potential 29
 brassica juncea 155
 Brewer's yeast 367
 brown adipose tissue 167
- C**
- calcium channel 245
 calcium channel blockers 109, 120, 303
 cancer 199
 carbon tetrachloride 363
 C.D.O. (calculated date of ovulation) 385
 cardiomyopathy 220
 catalepsy 159
 chelation treatment 180
 cholinergic system 41
 cholinesterase 249
 chlorpromazine 241
 chronic exercise 47
 chronic pain 257
 clonidine 16, 225
 CNV 257
 cognition 345
- cognitive function 75
 computer-assisted learning 330
 computer program 359
 corrigendum 391
 coronary artery 277
 cyclosporin A. 183
 cyproheptadine 105
 cysticercosis 265
- D**
- depth hippocampal EEG 303
 derivatives 103
 dexamethasone 134
 diabetes mellitus 65, 83, 193, 220, 325
 digoxin 65
 diltiazem 159
 dl-pentazocine 271
 dogs 277
 dopamine 109, 213
 drug reactions 389
- E**
- Editorial 1, 107, 197, 281
 EEG power spectra 47
 eicosanoids 355
 electrical stimulation 350
 electroacupuncture 225
 electrocardiogram 297
 ellagic acid 363
 enalapril 83
 epilepsy 29
 ergograph 79
 essential hypertension 83
 estimation of iodine 279
 estrous female 335
 ethanol 167
 ethnic difference 253
 exercise training 205
 experimental diabetes 193
 extinction 16
 event related evoked potential 345
- F**
- factory workers 274, 372
 felodipine 253
 fibrosis 363
 filariasis 245
 food-competition 213
 forced vital capacity 98
 formalin 289
 formaldehyde 163
 formaldehyde-induced oedema 41
 frequency distribution 330
 frontal cortex 213
- G**
- GABAergic agents 95
 galvanic skin resistance 35
 gastric injury 377
 gaussian curve 330
 GFR increase 87
 glucocorticoid 151
 glutathione s-transferase 155
 gonadectomy 335
 guest editorial 281
 guggulsterone 237
 GSR 58
- H**
- haloperidol 16, 241, 271
 head-up tilt 309
 heart rate 35, 335
 height 175
 hepatic recovery 180
 hereditary ataxia 145
 high plus-maze 47
 histamine 120
 histaminergic 163
 HPA axis 151
 homeostatis 151
 H-reflex 91
 5-hydroxytryptamine 120, 213
 hyperinsulinism 139
 hyperalgesia 289
 hyperthermic seizures 303
 hyperlipidemia 237
 hypoglycemic effect 191
 hypothalamus 70
- I**
- Ida 58
 idometric titration 279
 imipramine 95
 immortality 199
 index to volume 40 (1996) 393
 inflammation 163, 355
 isometric 309
 isoproterenol 297
 insulin resistance 139
 insulin sensitivity 139
 insulin tolerance test 139
 index of analgesia 225
 intracellular pH 23
 intracranial self-stimulation 16
- L**
- late response 91
 lateral hypothalamus 16

lead toxicity 180
ligation 277
lipids 171
lithium 241
LY 17155 16

M

male rat 335
malondialdehyde 155
marker enzyme 297
maximum ventilatory volume 98
maze test performance 75
medial forebrain bundle 16
median nerve 175, 372
medial preoptic area 335
method 186
microfilaricidal 231
mini peak flow meter 127
morphine 225
motor activity 289
multiple regression 340
murraya koenigii 155
myocardial infarction 297

N

naloxone 271, 289
nasal cycle 58
nematode 245
nerve conduction velocity 91
nerve-muscle preparation 231
nephrotoxicity 183
neuroimmunomodulation 70
nifedipine 159, 245
nociception 367
noise stress 35
nostril dominance 58
NO 377
nimodipine 87
nisoldipine 87
nitendipine 87
nitric oxide synthase 183
nitroxybutylester 377
noradrenaline 109
noradrenergic 41
NSAIDs 377
nucleus accumbens 262

O

oedema 367
omeprazol 253
open field 47
orbital 265
organophosphorus poisoning 249

P

P_3 257, 345
 P_{300} 274
pain 41, 289
peak expiratory flow rate 98, 340
parasympathetic 145, 309
PEFR 127
pregnancy 345
pen 186
peripheral vascular dysfunction 325
physiological variables 330
phenylephrine 109
phospholipids 134
pingala 58
platelet biochemistry 5
platelet function 5
predictors 340
Pongamia pinnata 355
portal vein 23
prazosin 220
psychotropic agents 75
pyrantel pamoate 245

Q

quarry workers 340
quinolines 389

R

rat 16, 47, 70, 105
rat aorta 109
rat heart 205
regional specificity 70
regression equations 127
recording 186
respiration 350
renal lipids 105
reverse tilt 309
RT 257
rubber factory environment 372

S

sand stone 340
salt 279
sample size 359
schedule-induced polydipsia (S.I.P.) 262
secondary 237
sencio nudicaulis 231
sebescence 199
serotonergic 163
setaria cervi 231
SHR 23
sickle cell 171
SKF 38393 16

smokers 381
smoking 98
somatosensory evoked potential 175, 372
spinal injury 134
spot testing kit 279
stereotypy 159
stereotyped behaviour 271
statistics 330
strptozotocin 220
stress 151
submaximal load 79
substance P 367
superoxide dismutase 155
susumna 58
svara 58
sympathetic 145
sympathetic activity 58
sympathetic skin response 350

T

tail flick latency 225
telomerase 199
telomeres 199
terfenadine 191
testosterone propionate 335
thyroid stimulating hormone 65
TLCO in females 267
TLCO by single breath method 267
TLCO in smokers 267
TLCO by steady state method 267
tobacco 381
transcription 205
tri-iodo-L-thyronine 65

U

ultrasonography 385
upper limb length 175

V

valsalva 309
vascular smooth muscle 23
ventral tegmentum 16
ventricular arrhythmias 277
ventilatory capacity 98
verapamil 134, 159
 VO_2 max 79

W

WKY 23
worker-parasite 213

Y

yoga 318