

# Journal of *APPLIED BIOMEDICINE*

---

ISSN 1214-021X (printed)

ISSN 1214-0287 (on-line)

## Volume 9 (2011)

### Subject Index

#### A

acetylcholinesterase 157, 163, 225  
age 231  
 $\alpha$  radiation 151  
Alzheimer's disease 173, 185  
amyloid 185  
animals 157  
antioxidant 103, 185  
apoptosis 197  
ATM pathway 49

#### B

balloon injury 129  
bicycled system 163  
biosimetry 151, 209  
biomedicine 57  
biospheric cycle 63  
bispyridinium 225  
blood 35, 103, 209  
blood pressure 1  
bone marrow cell 111, 129  
brain parts 35

#### C

caffeine suppressed 49  
cancer 1  
carbamate 157  
carotid artery 129  
cell biology 57  
cellulose 143  
chemokine 231  
cholinesterase 35  
chronome 63  
chronomics 1  
coagulation 231  
congruence 63  
copper 219  
cosmos 63  
cybercare 1

cytokine 231

#### D

death 1  
deep infections 143  
docking studies 163

#### E

ectopic osteogenesis 111  
electrode 103  
electrochemistry 103

#### F

fibrin 231  
forensic medicine 157  
free-radical process 43, 219

#### G

$\gamma$ H2AX 209  
 $\gamma$ -irradiation 49  
Garamycin Schwamm 143  
gentamicin 143  
Grey Partridge 103  
guinea pig 35

#### H

heart rate 1  
heterologous bone 111  
HI-6 225  
histone H2AX 209  
HL-60 cell 197  
horse 43

#### I

imidazol 163  
immortalization 111  
*in vivo* 35  
incidental poisoning 157

inflammatory cell 231  
ionising radiation 49, 209  
irradiation 209  
iron 219

## **K**

K203 225  
kidney 231

## **L**

leukaemia 49  
locomotor activity 43  
lymphocyte 151, 197, 209

## **M**

Mcl-1 49  
melatonin 185, 197  
mesenchymal cell 129  
mice 225  
microdispersed oxidized cellulose 143  
micronuclei 151  
micronucleus-centromere assay 151  
molecular medicine 57  
molt-4 cells 49  
mononuclear cell 209  
morphological marker 119  
muscle cell 129

## **N**

nanofibre 143  
nanomedicine 57  
neurodegenerative diseases 173, 185  
neurofibrillary tangles 185  
neuroprotection 173  
neuroscience 57  
neurotoxic agents 163  
neutrophils 197  
nitrate 219  
nonphotic cycles 1  
nucleolar DNA 119  
nucleolus 119  
nycthemeral rhythm 43

## **O**

obidoxime 225  
organophosphorous inhibitors 157  
oxidative marker 43  
oxidative power 43  
oxidative stress 103, 173, 185, 219  
oxime 163, 225

## **P**

p21 49  
p53 49

Parkinson's disease 173  
pathology 119  
pesticide poisoning 157  
pharmacology 57  
potential reactivator 163  
pro-oxidant dose 219  
programmed cell death 49, 197  
protease 231  
proteasome 173  
proteinopathies 173  
pyridine 163

## **R**

radon 151  
rat 129, 219, 225  
reactive oxygen species 103  
receptor-1 231

ribosomal biogenesis 119  
RNA 119

## **S**

sarin 225  
SDF-1 $\alpha$ /CXCR4 129  
site infection 143  
solar-terrestrial cycle 63  
soman 35  
stem cell 111  
stromal cell-derived factor-1 $\alpha$  129  
suicide 1  
surgical site infections 143  
*syn-anti* isomery 163

## **T**

tau protein 185  
terrorism 1  
theoretical calculation 163  
therapeutic efficacy 225  
tissue engineering 111  
toxicology 57  
trimedoxime 225

## **U**

uranium mining 151

## **V**

vascular smooth muscle cell 129  
vascular variability disorders (VVDs) 1  
visualization 119  
voltammetry 103

## **X**

xenografts 111