

衛生試験所報告第114号キーワード索引 (アルファベット順)

A

abrogate 212
 accelerated-senescence models 246
 accelerative effect 217
 acetylcholine receptor channels 237
 acetylmorphine 213
 acid-insoluble matter 226
 acute inhalation study 247
 adenosine 5'-triphosphate 237
 ADI 251
 β -adrenergic blocker 256
 adriamycin 261
 adventitious root cultures 255
 aging 244, 246
 AgNOR 243
 agricultural rubber boot 220
Agrobacterium rhizogenes 263
 AIDS 48, 50
 aldehyde 221
 alkaloid 253
 allergic contact dermatitis 220, 221
 allergy 259
 alternative methods 237, 238
 alternative test 238, 239
 alveolar damage 243
 alveolar macrophages 252
 amidoxime 228
 amine-type antioxidant 220
 4-amino-3-hydrazino-5-mercapto-1, 2, 4-triazole (AHMT)
 method 227
 δ -aminolevulinic synthase 215
 amphetamine analog 214
 amphiphilic excipients 212
 animal cell lines 247
 animal food 260
 ANOVA 143
Anthemis nobilis L. 255
 anthocyanin(s) 226, 256
 anti-biohazard laboratory 261
 anti-HIV drugs 48, 50
 anti-mold counterplan 231, 260
 antibody 259
 antifungal susceptibility test 231
 antimicrobial test 231
 antineoplastic 218
 antioxidant(s) 229, 233
 antipsychotic drugs 236, 261
 Apoptag 244
 apoptosis 243
Areca catechu 217
 arecoline 217
 arsenic 42
 assay 145
 astragaloside 252
Astragalus mongholicus 252, 253
 asymmetric Diels-Alder reaction 228
 ATP 236, 240, 261
 ATP-depletion 215
 authorization 113, 116, 119, 122, 125

autoclave sterilization 222, 258
 automatic analyzer 99
 automation 259
 autopsy facility 261
 AZT 50

B

B. stearothermophilus 258
Bacillus cereus 230, 259
Bacillus thuringiensis 230
 bacterial endotoxin test 263
 baicalin 217
 BALB/3T3 cells 230
 basophilic leukemia cell 233
 B6C3F1 mouse 232
 Beancurd 230
 behavioral effect 214
 behavioral sensitization 214
 behavioral stimulant effect 214
 benfuracarb 250
 benzalkonium chloride 231
 benzene hydroxylation 228
 benzphetamine 213
 berberine alkaloids 253
 betamethasone 116
 BHA 243
 BIER 257
 bioavailability 141, 256
 biodegradation 219
 bioequivalence 141, 256
 biohazard 261
 biological assay 138
 biological indicator 221, 222, 257, 258
 biotechnological recombinant mouse(mice) 1, 235, 261
 biotechnology drug 257
 biotransformation 224, 254
 blood urea 222
 blue-stain fungus 218
 British Pharmacopoeia 147
 bromobutide 250
 bronchi 239
 brown rice 250
 Bryostatin 10 218
 butyltins 252

C

Ca^{2+} ATPase inhibitor 233
 Ca^{2+} -pump 240
 cadmium 225, 226, 236
 caffeic acid esters 256
 caffeine 243
 calcium 215, 216, 257
 calcium signal 229
 calcium wave 215
 callus 254
 calvasterol A 218
 calvasterol B 218
Calvatia cyathiformis 218
Cannabis sativa 255
 capillary electrophoresis 224

capsanthin 226
carbofuran 250
carbon monoxide 225
carbosulfan 250
carcinogenesis 241
carrageenan 226
CD63 antigen 229
cell line identification 262
cell maturation 235
cell proliferation 232
cell transformation 230
ceramic tableware 225
CFU-S 235
Chemical safety 89
chemical constituents 217
chemical derivatization 227
chemical safety 76
chemical structure 230
chemicophysical properties 221
chicken plasma 228
chiral sulfinylacrylate 228
chitosan 262
chlornitrofen-amino 224
chlornitrofen (CNP) 224
chloroform 225
chlorpromazine 237
chondrogenesis 221
chromatography 222, 223
chromogenic substrate 216, 248
chromosomal characterization 262
chronic toxicity 233
cigarette smoke 243
clean analysis 225
clinical use 217
cloning 239
closantel 258
CO sensor 225
coal-tar dye 102
COE 53
cofilin 229
cold-preservation 254
colonic release 211
colony forming units 231
color fixation 225
colorant 226
colorimetric assay 248
combination effect 246
comparative genomic hybridization 262
comparative mapping 247
component determination 145
computing systems 53
Concise International Chemical Assessment Document 89
confocal microscopy 215, 257
conformational analysis 218
conjugal transfer 245
connexin 32 21
constant neutral-loss 220
contamination 262
content uniformity test 211, 256
controlled release 212
controlled release dosage forms 211
copper 226
coptis rhizome 253

corn processed products 224
Corne Pack 239
Costus speciosus 255
critical limit 260
cross-reaction 219
crude drug 145, 253
cryopreservation 256
cryoprotectant 212
CSGMT/JEMS·MMS 246
C.testosteroni 230
cultivation 216, 253, 254, 263
cultured cells 237, 239
cyanocobalamin 122
N-cyanomethylmethamphetamine 214
cyclic octapeptide 218
cytochrome P450 224, 228
cytokine receptor 234
cytokines 252
cytotoxicity test 218
cytotoxicity 228

D

D value 221, 222
daily intake 251
data evaluation 246
database 62, 71
defense-related protein 219
degranulation 229
deletion mutant 218
DEN 244
dental plate 222
dephosphorylation 229
detection limit 223
detection methods 258
developmental toxicity 16, 251, 252
dexamethasone 252
dialysis 222
dibutyltin dichloride 252
dichlorobenzene 232
dielectric relaxation time 211
diferric transferrin 215
differential scanning calorimetry 248
diffuse alveolar damage 242
digitoxin 113
dimepiperate 250
discriminative determination 225
disposition in hair 213, 214
dissolution test 141, 256
distribution system 262
dithiocarbamate-type accelerators 221
dl-camphor 125
DNA base products 227
DNA extraction 255
DNA fingerprinting 245
DNA sequence 244
dopamine 236
dopamine release 235
dose level 245
Draize eye irritation test 237
draize score 261
drug abuse 213, 257
drug interaction 261
drug-metabolizing enzymes 224

drug monitoring 257
drug quality control 147
dye 136

E

*Eco*31I restriction endonuclease 13
*Eco*O44I restriction endonuclease 13
effect of detection wavelength on precision 224
EHC 95
electrophysiology 237
ELISA 228, 255
embryotoxicity 252
emesis 230
emulsion 249
endogenous nitrosation 240
endogenous NO formation 240
endothelin receptor 218
endotoxin 230
endotoxin antagonist 230
energy metabolism 236
enteropathogenic *Escherichia coli* serotype O44 13
enzyme activities in serum 99
Ephedra herb 217
Ephedra spp. 253
ephedrine 217
EPO 234
C-epsilon 1 gene 247
erythrocyte 216
essential oil 255
esterification 226
esterified capsanthin 226
ethanol 249
ethylene oxide sterilization 222, 258
europium chloride 232
eutectic crystallization 212
EYTEX 239

F

F344 rat 27
F344/DuCrj rat 33
fast green FCF 136
fat emulsion 249, 262, 263
Febantel 21
Fenbendazole 21
fenarimol 250
ferritin 216
fertilized condition 216, 254
fish 42
fish meat 225
flannel nightwear 220
flavone 254
flavone C-glycoside 216
flavonoid 254
flavonoid glycoside content 254
flubendazole 258
fluorescein diacetate 231
fluorescence *in situ* hybridization 246, 247
fluorometry 223
fluorophotometry 106
Foeniculum vulgare 254
follicle stimulating hormone 138
Food Red No. 105 226
Food Sanitation Survey Committee 260

food 262
food additive(s) 27, 225, 251, 259, 260
food blue No. 1 aluminium lake 251
food coal-tar dyes 251
food color 102
food irradiation 258
food manufacturing facilities 231
food-poisoning bacteria 13, 259
food safety 258
food sanitation law 259
formaldehyde 227
formaldehyde vapor 247
Fragaria x ananassa 254
fragmentation 219
freeze-dry(ing) 212, 249, 256
freezing-thawing-treatment 253
freezing treatment 253
fresh vegetable 259
frictional force 211
fullerene 221, 230
fumonisin 224
fumonisin B₁ 224
fungi 231

G

D-galactosamine 244
gamma-ray irradiation sterilization 222, 258
gamma-irradiation 227
gardenia blue 27
gas chromatography 250
gastric cancer 243
gene disruption 234
generic drug 141
genetic instability 245
genomic DNA 255
genotyping of pestivirus genome 247
giant cell 48
 β -glucosidase 255
Glycyrrhiza sp. 255
Glycyrrhizoma Radix (甘草) 253
Glyteer 231
goitrogen 33
GPI-anchored protein 229
grain 224
granuloma tissue 217
grapefruit seed extract 38
green tea 233
growth hormone-binding protein 228
growth hormone receptor 228
GST-P 244
guanisine isothiocyanate 255
guideline 141, 260, 261

H

HACCP 259, 260
hair analysis 213, 214, 257
hairy root cultures 254, 255, 256
hairy root cultures polyacetylene 256
hairy roots 254, 256, 263
half-embryo test 227
haloperidol 237
hamster 243, 244
hard-seed 253

health-care products 257
Heliotropium peruvianum 256
 hematological changes 232
 hemoglobin 216
 hemoglobin denaturation 238
 hemolysis methods 238
 hemopoiesis 234
 hemopoietic stem cell 235
 hepatocyte 215
 hepatocyte growth factor 215
 herbal medicinals 257
 HET-CAM 238
 high-performance liquid chromatograph(y) 217
 high-test hypochlorite 225
 hippocampus 237
 histamine secretion 233
 histopathology 241
 HIV 48
 HIV-1 50
 horseradish peroxidase 228
 household chemical product 221
Houttuynia cordata 254
 HPLC 38, 106, 226, 226, 248, 250, 256
 Huanarpo 216
 hub 76
 human GM-CSF receptor 234
 human growth hormone 216
 human insulin 248
 human menopausal gonadotrophin 138
 human standard serum 99
 human tissue 239
 4-Hydroxyaminoquinoline 1-oxide 243
 8-hydroxydeoxyguanosine 233
 hydroxylradical 250
 5-hydroxytryptamine 237

I

ICH 256, 260, 262
 ICH-3 257
 IgE receptors 229, 259
 IL-3 234
 IL-6 LIF 234
 imaging 257
 immunoassay 259
 immunohistochemistry 241
 implantation 219
 imported food(s) 258, 259
 impurity analysis 248
in vitro model 247
in vivo genotoxicity assay 245
 indigo carmine 250
 individual difference 261
 indoor air pollution 258
 indoor environment 221
 information system 76
 ingredients of pharmaceutical products or cosmetics 237
 inhalation 232
 innervation 239
 inspection 258
 integration domain 224
 interaction 71
 interdigitation 248, 249
 intermittent treatment 242

internal standard 222
 international harmonization 263
 Internet 53, 62, 76
 interstitial pneumonia 242
 iodine deficiency 226
 ion chromatography 251
 ion pair chromatography 224
 IPCS 89, 95
 iron 216
 iron release 216
 irradiated apples 227
 irradiated cherries 227
 irradiated foods 225
 γ -irradiation 211, 212
 ischemia 236
 ISO 257
 ISO/TC198 221, 222
 ISO/TC210 257
 isoflavonoid 252
 isolated micronuclei 246
 ivermectin 258

J

Japanese Guideline 218
 Japanese Pharmacopoeia → JP
 Japanese Standards for Food Additives 225
Jatropha ciliata 216
 JMPR 261
 JP 145, 147, 211, 212, 216, 256, 262, 263
 JP reference standard 113, 116, 119, 122, 125
 JP13 263
 JPXII suppl. 2 259
 JPXIII 257

K

K⁺ channels 237
 K factor 99
 K562 cells 215
 KCl 243
 kidney 233
 knock-out mouse(mice) 1, 261

L

L-type calcium channel 235
 L5178Y 247
 labelling 232
lacI mutation 244
lacZ mutation 244
 LAN 53
 lateral root 253
 latex allergy 219
 LC/MS 38
 lead 225
Lecythophora hoffmannii 218
 lecythophorin 218
 lenacil 250
Lilium martagon 253
 limited SMCP 222
 Limulus activity 252
 Limulus assay 263
 lipophilicity 213
 lipopolysaccharide 232
 liposome 248, 249, 262

- liquid egg 259
liquid-liquid extraction 222
liquid nitrogen 253
Lithospermum erythrorhizon 216, 253
liver microsomes 223
living environment 260
Lobelia cardinalis 255
Lobelia chinensis 256
Lobelia chinensis Lour. 254
Lobelia inflata 256
Lobelia sessilifolia 254
LPS 230
LSD 214
LSIMS 219, 220
LSKP 222
LTP 235, 236
LUMO 228
lung fibrosis 243
lung tumorigenesis 33
luteinizing hormone 138
Lycium A 218
Lysozyme Reference Standard 128
lysozyme 128, 219
- M**
- macrolide 218
macromolecular excipient 211
Macrotomia euchroma 217
magnesium chloride hexahydrate 16
male fertility 241
malformation 16
mast cell 259
MATREX 238
matrixing 143
maximum residue levels 262
medical devices 222, 252, 257
medical plants 263
medium-term bioassay 244
megakaryoblastic cell line 234
megakaryocytes 240
melamine 240
melanin affinity 213
membrane current 237
membrane permeability 248
mercaptobenzothiazole-type accelerator 220
mercury 42
metabolic cooperation 221
metabolism (rat) 229
metallothionein 226
methamphetamine 214
methyl-*p*-hydroxybenzoate 38
2, 2'-methylenebis(4-ethyl-6-*tert*-butylphenol) 233
methylenedianiline 258
methylenedioxyamphetamine 214
methylparaben 223
MIC 231
Microbial Limit Tests 259
microflora 259
micronucleus 246, 247
micronucleus assay 246
micronucleus test 245
microplate method 48, 50
microspheres 211, 212
- minisatellite 245
mirror site 84
Mofarotene(Ro 40-8757) 235
moist heat sterilization 222, 258
mold 260
mold contamination 231
molecular size 227
monobutyl phthalate 251
monocrotaline 245
monodesamido body 248
mouse 234
mouse gamma satellite DNA 246
mouse peripheral blood micronucleus test 245
MTD 27
mutagenesis 245
mutagenicity 228, 243
mutation 262
mycoplasma 262
myocyte 215
- N**
- N*-cyanomethylmethamphetamine 214
NaCl 243
naphthol AS-D 220
National review 89
natural food additives 259
nebracetam 236
nervous system 229
neurotransmission 237
new coccine 250
NIHS reference standard 106, 128, 130, 138
NIST thermal analysis purity set 248
nitric oxide 228
nitrophenanthrene 228
2-nitropropane 233
nitrosourea 228
¹⁷O-NMR 211
NO production 232
No toxic dose 260
NOAEL 260
non-clinical test 261
non-toxic lipid A 230
nonionic surfactant 223
normal human epithelial cells 247
nucleolar segregation 243
- O**
- OBCAM 229
occupational infections 261
Ocimum basilicum L. 255
OECD 260
official analytical method 258
official inspection 102
oil and fats 257
okadaic acid 229
organochlorine pesticide 250
osteogenic disordered syndrome rats 240
outgrowth culture 247
ovi 212
Oxfendazole 21
oxidative stress 232, 233
oxytetracycline 258

P

P450 239
 P450-dependent monooxygenase 223
 P815 mastocytoma 229
Panax 255
Panax ginseng 256
 paprika 226
 parathyroid gland 233
 particle size 249, 262, 263
 PC12 236
 PC12 cells 236
 PCNA 243
 PCR-SSCP 244
 penetration 259
 pentachlorophenol 232, 233
 2,2,3,3,3-pentafluoropropanol 229
 pepper 225
 peripheral blood 245
 peritoneal macrophages 252
 permeation 223
 peroxisome proliferator 233
 pesticide 250
 pesticide residue 261
 pestivirus 262
 phage typing 230
 pharmaceutical(s) 71, 262
 pharmacological effect 217
 pharmacopoeia 257
 phencyclidine 213, 214
p-phenylenediamine-type antioxidant 220
 phenylpropanoid esters 253
 photochemical reaction 250
 phytochelatin 226
 pigmented contact dermatitis 220
 plasmid R64 245
 plastic containers 257
 polyacetylene 254
 polyacetylene glucoside 255
 polycarbonate 227
 polychlorinated biphenyl 42
 polymethylmethacrylate 222
 polymorphic DNA 255
 polyurethane 219, 221
 positive reference materials 218
 post-harvest hydrolysis 255
 postcolumn derivatization 224
 pour plate technique 231
 preadipocyte 216
 precision 222, 223
 product safety 232
 production 102
 promotion 33
 propionic acid 225
 protease 228
 protein formulation 256
 protein kinase C 240
 protocol 245
 pulmonary surfactant 247
 purification 239
 pyrrolizine alkaloid 242

Q

Qinghai province 252, 253
 quality control 257
 quality evaluation 113, 116, 119, 122, 125, 130
 quantitative morphometry 242
Quercus acutissima 254

R

radiation-sensitivity 235
 random amplified polymorphic DNA (RAPD) 255
 rapid analysis 256
 rapid determination of MIC 231
 rapid method(s) 259
 rare earth element 232
 rat 233, 243
 rat limb bud cells 221
 rat testicular atrophy 216
 readily oxidizable substances 225
 reagent 212
 receptor 234
 recombinant human insulin 215
 recommendation 245
 reference standard 145, 262
 release rate 211
 reproductive toxicity 241
 residual antibiotics 260
 restriction endonuclease 13, 230
 restriction map of pSTd4 230
 retinol 249
 Rhei Rhizoma 253
 rhesus monkey 230
 Rheum palmatum 252
 Rheum tanguticum 252
 rice seed DNA 227
 Risk assessment 89
 risk analysis 257
 risk communication 232
 rosmarinic acid 255
 RP-HPLC 215
 RT-PCR 247
 rubber 220, 221
Rubia tinctorum 226

S

saccharide 249
 safest methods 222
 safety management 221
Salmonella enteritidis 259
Salmonella typhimurium 245
samAB 245
 Sân Léng 217
 schizophrenia 261
Scutellaria baicalensis 254
Scutellariae radix 217
 secondary metabolites 263
 secretion 236
 sennoside A and B 106
 sennosides 106
 sex chromosome 255
 shelf-life 143
 shoot culture 255
 shufflon 245

- side effect 71
signal transduction 218
silicate glass surface 227
simple and rapid assay method 248
simplified method 260
SIRC 239
size distribution 263
Skin2 238
skin sensitization 221
SMCP 222
smooth muscle cell 216
smooth muscular relaxation 228
sodium 215, 216
sodium chlorite 225
solid phase extraction 222
somatic embryogenesis 254
somatropin 130
Soybean 230
Sparganium stoloniferum Buch.-Hamil. 217
spectinomycin 228
spectrophotometre 253
spermatogenic cycle stage 242
spices 225
spin-lattice relaxation time 211
spontaneous MNRETs frequencies 246
spores 231
spread plate technique 231
stability 256
stability testing 143
stabilization 212
standard 136
standard methods of analysis in food safety regulation 259
standard type strains for validation 259
standardization 257
starting materials 250
statistics 246
step-wise increasing dose treatment 242
Sterility Tests 259
sterilization methods 222
steroidal saponins 253
stomach cancer 243
stress condition 215
striatum 235, 236
structure 71
structure-activity relationship 216
subchronic toxicity study 27
subsidiary colors 250
sulfadimethoxine 241, 242
sulfate 226
superoxide 229
surface analysis 227
synergism 246
synthetic antibacterial 250
- T**
- tannin 254
taxoids 255
Taxus sp. 255
teratogenicity 16, 232, 251, 252
p-tert-butylphenol 220
p-tert-butylphenol formaldehyde resin 220
testes 261
testicular toxicity 241, 242, 261, 262
- tetrachloroethylene 223
12-*O*-tetradecanoylphorbol-13-acetate 247
thermal analysis 147, 212, 248
thermogravimetry 248
thermoluminescence 258
thiourea-type accelerator 221
thrombin 216, 240, 248
thymidine kinase 247
thyrid carcinogenesis 241
thyroid 226
thyroid stimulating hormone 241
thyroid tumorigenesis 242
tissue cultures 256
tissue distribution 229
titanium trichloride titration method 136
TK6 247
tobacco 214
tocopherol acetate 119
toluene 224, 232
total diet study 42
toxic compounds 222
toxicity test 232
toxicology 260
traditional medicines 257
transferrin 216
transgenic animals 1
transgenic mouse 234, 244, 261
translesion DNA synthesis 262
translocation 229
trenbolone 258
tributylamine 227
2,4,4'-trichloro-2'-hydroxydiphenylether 38
triethylamine 227
tumor promoter 21
tumor-promoting activity 221
TUNEL method 244
tyrosine-*O*-sulfate 219, 220
- U**
- umuDC* 262
urinary bladder carcinogenesis 240
urinary urokinase 248
urokinase 248
uroolith 240
US Pharmacopoeia 147
utilization for foods 263
UTP 235
- V**
- Validation of analytical procedures 256
validation 237, 238, 239, 257
validation characteristics 256
variance 261
verification 260
veterinary drugs 262
viral safety 257
volatile organic compounds(VOC) 258
VRML 62
- W**
- water content 248
water-logging treatment 253
water mobility 211

water soluble chloride 251
weight variation test 211, 256
whole embryo culture 252
Wistar rat 16
woodenware 227
World Wide Web 53, 62, 76, 84
WWW → World Wide Web

X

Xeopus oocyte expression system 237

Z

Zanthoxylum piperitum 217
zeranol 258
zeta potential 249
zinc 236
Zn²⁺ 235
Zn 237