

## 国立医薬品食品衛生研究所報告第130号キーワード索引（アルファベット順）

**A**

ABCA1 211, 212, 213  
ABINIT-MP(X) 220  
abortive branching 191  
acetaminophene 208  
Acid resistance 195  
acrylamide 234  
acyltransferase 175  
adaptive response 238  
adipogenesis 224  
Aflatoxin M<sub>1</sub> 204  
aggregates 43  
Aggregation 215  
aging 223  
agricultural products 187  
Ah receptor 189  
ildenafil prodrug 209  
alkali fusion 194  
allele frequencies 260  
Allergen 214  
allergenic hazards 182  
allylation 211  
alpha-1-acid glycoprotein 162  
ALS 261  
alternative methods 245  
Aluminium ammonium sulfate 243  
amino acids 209, 210  
aminoacidate reductase gene 202, 203  
amiodarone 219  
amorphous 161  
Anaphylaxis 214  
Anaphylaxy 258  
angiotensin II 176, 180  
animal and fishery product 187, 189  
animal experiments 245  
Annual Change 205  
antibiotics 195  
antimicrobial resistance 195, 207  
antioxidant 209, 230  
Antiviral activity 216  
antiviral drugs 165, 250  
Apple 217  
aquatic environment 185  
*Aquilaria* 169

*Arcobacter* 254  
Aristolochic acid 240, 242  
Ascofuranone 215  
*Asparagus racemosus* 169  
astrocyte 223  
Atherosclerosis 212  
ATR 162  
ATRA 213  
augmented reality 182

**B**

bean 189  
Benchmark dose approach 264  
benzylpiperazine (BZP) 174  
BHA 180  
bimetallic catalysis 211  
Bioanalysis 247  
bioanalytical method validation 247  
biodegradable polymers 182  
bioequivalence guidelines 1  
Biofilm 201  
biomarker 260  
bioreactor 50  
Biosimilar 167  
Biotechnology 167  
bitter melon 232  
black tea 208  
bladder toxicity 228  
blood urea nitrogen 205  
bovine offal 196  
broiler 207  
Buckwheat 214  
Burden of foodborne illness 218

**C**

caffeic acid 236  
calcitriol 231  
CALUX 189  
*Campylobacter* 196, 254  
Capillary liquid chromatography 163  
Capsaicin 239  
carbendazim 187  
carbon monoxide 193

- carbon tetrachloride 71  
carcinogenesis 184  
carcinogenicity 227  
carcinosarcoma 232  
cardiac differentiation 179  
Cardiolipin 175  
*Cassia acutifolia* 171  
*Cassia angustifolia* 171  
catechin 209  
catechin mixture 227  
CEA 166  
*C. elegans* 168, 175, 176  
CGH 180  
Chemical Imaging 162, 248  
chemoprevention 238, 239  
chirality 210  
chiral separation 173  
*CHL cells* 217  
chlorogenic acid 236  
Chromatin reorganization 221  
*Chromosome aberrations* 217  
chromosome aberration test 263  
*Chromosome aberration test* 217  
chronic toxicity 227  
cigarette smoke 236  
clinical pharmacology 245  
clofencet 187  
clofibric acid 242  
*Clostridium perfringens* enterotoxin 203  
c-Met 167  
Codex 253  
collaborative study 194  
collagen vitrigel membrane 184  
colon cancer 168  
colony hybridization 204  
comet assay 180  
complement fragments 224  
conformation 209  
contact dermatitis 186  
contamination 195  
contamination level 200  
convulsion 227  
corpora lutea 229  
Counterpoise 220  
creatinine 205  
CREB 224  
CRIg 224  
Critical Quality Attribute 248  
cross-contamination 196  
Crustaceans 217  
crystallization 161  
crystal structure 203  
Curriculum 245  
cyanogen 189  
cynomolgus macaque 183  
CYP2C8 219  
cytochrome P450 236  
cytotoxicity 200, 263
- D**
- daily intake 193  
Daiokanzoto 171  
D-amino acid 176  
D-Amino acid oxidase 176  
DC-SIGN 166  
decabromodiphenyl ether 226  
decocting machine 171  
delayed adverse effect 230  
dentate gyrus 234  
DES 230  
designer drug 173  
Detecting method 257  
detection 190, 192, 201, 253  
detection method 254  
detergent 194  
Determination 205  
developmental neurotoxicity 234  
developmental toxicity 226, 261  
Dextran 216  
dielectric relaxation time 161  
Dietary oil emulsion 214  
dilated cardiomyopathy 179  
dimethyl fumarate 186  
diol 211  
dioxin 188, 189  
direct analysis in real time 174  
discrimination method 172  
Dissolution 246  
dissolution profiles 1  
DMSO 159  
DNA adduct 231, 242  
DNA analysis 169  
DNA damage 230

DNA demethylation 222  
dopamine agonist, 218  
DOXIL 247  
Doxorubicin 163, 164  
drinking water 238  
Drinking water 258  
drug classes 66  
drug-induced liver injury 66  
dynamic light scattering 43

## E

Education 245  
electroencephalogram 172  
electron spin resonance 230  
*Eleutherococcus senticosus* 169  
elevation 208  
ELISA 207  
EMA 248  
embryonic stem cell 179  
Endocytosis 163  
endoplasmic reticulum 242  
Enterobacteriaceae 253, 255  
enterohemorrhagic *E. coli* (EHEC) 196  
entry inhibitor 165, 250  
enumeration 203  
enzymatically modified isoquercitrin 235  
enzyme-assisted synthesis 208  
Epidemiological data 264  
epidermis 237  
erythropoiesis 223  
Erythropoietin 167  
*Escherichia coli* 204, 207  
Estimation 252  
estimation of intake 190  
estragole 231  
estrogenic activity 170  
ethnic difference 260  
ethylene glycol monomethyl ether 229, 235  
European Food Safety Authority (EFSA) 264  
evectin-2 174  
event-specific 191  
*Expert review* 218

## F

F344 rats 228, 230

FDA 248  
*Feline calicivirus* 216  
Fertilization 166  
filamin 181  
fish 188  
flavonol glycoside 170  
FLC-4 cells 165  
Flounder 207  
fluoride 205  
fluorination 211  
FMO 220  
FMO4 221  
FMO-CC 220  
FMO-MP2 221  
Follicular growth 205  
Follow-on biologics 167  
food additive 71, 193  
Food additive 243  
food additives 46, 193  
Food allergen 257  
food allergy 253  
Food allergy 58, 217, 257  
food analysis 21  
Food analysis 252  
Food-borne 254  
foodborne infections 200  
food chain 50  
FoodNet 259  
food outbreak 196  
Food poisoning 207  
Food poisoning by raw beef 253  
food poisoning statistics 255  
food safety 196  
Food safety 245  
freeze-drying 160, 247  
Freeze-drying 247  
fruit 203  
fucosylation 168  
fullerenes 185  
fulminant hepatitis 66  
fungal contamination 203  
Fungal contamination 202  
Furniture made from Kiri (*Paulownia tomentosa*) 202  
*Fusarium* 202  
*Fusarium* phylogeny 203

**G**

GADD45 228  
 GC-FID 193  
 GC/MS 189  
 gene expression 158, 159  
 gene mutation 237  
 generic products 1  
 genetically modified (GM) 191, 192  
 genetically modified maize 190  
 Genetically modified organism 215  
 Genetically modified organism (GMO) 192  
 genetic polymorphism 260  
 genetic polymorphisms 219, 260  
 Genistein 222  
 genotoxicity 238, 240  
 genotype 197  
 genotyping 195, 219  
 germline development 168  
*GHS* 218  
 GII/14 199  
*Ginkgo biloba* 170  
 GlcNAcylation 221  
 glomerulonephritis 205  
 glucuronide 208  
 glutathione-S-transferase 219  
 Glycerol 215  
 Glycerol kinase 215  
 glycoprotein pharmaceuticals 164  
 GM fish and animal 50  
 GPI-anchor 168  
 gpt delta 236  
*gpt* delta 233  
*gpt* delta transgenic rat 238, 239, 240  
 Granulation process 247  
 Ground chicken meat 254  
 group testing 192  
 growth variation 191  
 guidance on evaluation of medical devices with emerging technology 13

**H**

haplotype 219  
 harmful element 186  
*HCP* 249  
 HDX/MS 166

headspace GC-FID 194  
 Health Science 245  
 helical structures 210  
 helicity 210  
*Helicobacter pylori* 226  
 helix 209  
 hepatic expression 211  
 Hepatitis A 197  
 hepatitis C 158  
 Hepatocarcinogen 244  
 hepatocarcinogenesis 231, 233, 234  
 hepatocellular hypertrophy 228  
 hepatocytes 159  
 hepatotoxicity 158, 208  
 HGF 167  
 hinokitiol 230  
 Histone methylation 222  
 Histone modification 221  
 HIV 183  
 HIV-1 165, 250  
 HL60 180  
*HNF4α* 213  
 honeycombs 181  
 horseradish extract 228  
 household product 186  
 household products 186  
 HPLC 204  
 HPLC-fluorescence detection 174  
 human 159  
 human leukocyte antigen (HLA) 260  
 Human tissue 245  
 Hydration 161

**I**

IAP 211  
 ICATM 261  
 ICH 251, 263, 264  
 IgE 258  
 IgY 207  
 image overlay system 182  
 Immune-proteomics 214  
 immunochromatography kit 201  
 imported foods 195  
 impurity 1  
 indole-3-carbinol 229, 233  
 infectious dose 200

inflammation 226  
inflammatory response 160  
In silico 159  
insulin 166, 209  
inter-laboratory study 164  
internal quality control 21  
International Space Station (ISS) 241  
intestinal macrophage 224  
Intracellular trafficking 163  
in vitro 225  
*in vitro* genotoxicity 263  
in vitro genotoxicity testing 262  
*In vitro tests* 217  
*in vivo* genotoxicity 239, 241  
irradiated food 189  
ISO/IEC 17025 252

**J**

JaCVAM 261  
Japanese guideline 247

**K**

Keap1/Nrf2 system 183  
*Kodoa septempunctata* 207  
Kudoa 256  
*Kudoa septempunctata* 256  
Kuguacin J 232

**L**

labeling 253  
Labeling 257  
Lac-CY-SF 165  
Lactose 58  
lamella layer 225  
LAMP 201  
LC-MS 173, 187, 189, 192  
LC-MS/MS 185, 186, 187, 188  
leguminosae 170  
Leucine-rich repeat kinase-2 215  
L-glutamate transporter 223  
Light scattering detection 163  
lipogenesis 212  
liposome 161  
Liposomes 163

*Listeria* 195  
*Listeria monocytogenes* 195, 254  
listeriosis 254  
liver 213  
liver hypertrophy 228  
liver-specific functions 165  
liver tumor promotion 228  
livestock product 188  
locomotor activity 172  
long-term depression 224  
LS/MS 205  
LSPA6 genotype 200  
LXR 212

**M**

Mac-2BP 166  
main server system 75  
Mandatory labeling 257  
market basket method 193  
mast cell 223  
maternal exposure 226  
measurement uncertainty 21  
Measurement uncertainty 252  
meat 191  
medium-term animal model 233  
mesenchymal stem cells 224  
Metabolite 163  
metabolomics 171, 208, 260  
methanol 194  
method validation 21  
methylation 180, 226  
Microbiological risk management 253  
microbial interaction 206  
microbiological criteria 254, 255  
microgravity 241  
micronucleus 237  
micronucleus test 241, 263  
microRNA 181  
microscopy 161  
microwave 211  
MIG12 212  
misleading positive results 262  
mismatch repair 238  
mitochondria 175  
mode of action (MOA) 263  
mold-proof 186

mold-ripened cheese 206  
 molecular epidemiology 197  
 molecular phylogenetic analysis 202  
 Mongolian gerbil 232  
 monoclonal antibody product 43  
 Monolithic column 162  
 monosaccharide composition analysis 164  
*Morus bombycis* 193  
 mouse 196, 205  
 mulberry bark extract 193  
 multiplex real-time PCR 190, 204  
 multivariate analysis 208  
 Multi-wall carbon nanotube 243  
 mutagenicity 236, 240, 242  
 mutaprodenafil 209  
 mutation 241  
 MX 238  
 mycoflora 203  
 Myristylation 216

**N**

*N*-acetyl-*L*-cysteine 229  
 NAD(P)H oxidase 224  
 Nanomaterial 243  
 Nanoparticles 162  
 Nano-Suspensions 181  
 National Epidemiological Surveillance of Foodborne Disease 255  
 negative regulator 181  
 neonatal exposure 230  
 neopterin 223  
 network system 75  
 neurotoxicity 227, 234  
 nickel subsulfide 240  
 NIHS-NET 75  
 NIR 247  
 nitric oxide 208  
 nitrobenzene 208  
 NMDA receptor 228  
 NMR 171  
 NMR relaxation time 161  
 non-genotoxic hepatocarcinogen 228  
 non-secosteroidal ligand 210  
 nuclear receptor 158, 213

**O**

ochratoxin A 236  
 OECD 265  
 Ointment 162  
 old yellow enzyme 173  
 oleic acid 242  
 oligomeric stability 166  
 Oral-immunity 258  
 organocatalyst 209  
 oseltamivir 185  
 oseltamivir carboxylate 185  
 oxfendazole 234  
 oxidative stress 209, 234

**P**

p53 237  
 P450 158  
 paclitaxel 162  
 Papaya 215  
 Parkinson's disease 218  
 Partial geometry optimization 221  
 PAT 247  
 PCR 201, 217  
 PCR-RFLP 169  
 Peach 217  
 peptide 209, 210  
 peptide nucleic acid 210  
 perfluorooctadecanoic acid 243  
 Peroxiredoxin 6 183  
 peroxynitrate 208  
 Peyer's patch 196  
 PFOS 227  
 Pharmaceutical excipient 58  
 Pharmacist 245  
 Pharmacoepidemiology 260  
 pharmacogenomics 162, 260  
 Pharmacokinetics 163  
 Pharmacology 245  
 Pharmacopeia 246  
 phase separation 160  
 phenobarbital 235  
 PHF2-ARID5B complex 222  
 phosphatidylinositol 175  
 phosphatidylserine 174  
 phosphodiesterase 176, 180

Phospholipase A2 183  
phospholipidosis 160  
phthalate 194  
Phthalate substitute 31  
Phthalic acid diester and monoester 186  
phylogenetic species concept 202  
PI3K/Akt signaling 231  
PI3K pathway 231  
Pig-a assay 239  
pindone 186, 188  
plasticizer 194  
Plasticizer 31  
Polymerase chain reaction 215  
polyvinyl chloride 186  
polyvinyl chloride (PVC) 194  
population differences 260  
pore-forming 203  
poly L-lysine 216  
positive selection 203  
poultry processing 196  
PPARgamma 212  
prediction 159, 160  
Prediction 158  
predictive capacity 262  
preorganization 210  
principal component analysis 209  
Process Analytical Technology 248  
processed aconite root 172  
progesterone 235  
prostaglandin synthase 173  
prostate cancer 232  
Proteasome 166  
Protein 161  
protein formulation 247  
Protein kinase A 222  
protein kinase C 224  
protein knockdown 211, 213  
proteomics 261  
Proteomics 214  
psilocin 208  
punch test 182  
purity 185  
purity test 71  
Purkinje cells 224  
pyridine carbonate-pyrazolone method 189

**Q**  
QbD 247  
qNMR 251  
QSAR 158  
quality 208  
quality assurance 21  
Quality assurance 252  
Quality by Design 248  
quality reevaluation 1  
quantification 46, 192, 204  
quantitative NMR 171, 185  
  
**R**  
radiation 241  
Radiation 258  
Radionuclides 258  
rat 159  
raw meat 255  
reactive oxygen species 179, 229, 233, 235  
real-time PCR 191, 206  
reconstructed cultured human skin model 225  
reconstructed human epidermis 225  
recycling endosomes 174  
reduction animal use 262  
reference molecule 191  
regional difference 196  
regulatory science 13  
reliability 185  
repeated dose toxicity 243  
reporter gene assay 188  
reports of adverse reactions 66  
reproductive and developmental toxicity 243  
research 245  
resistance 195  
resistance to microorganisms 50  
reticulocyte 239  
retrograde membrane traffic 174  
Rice 214  
rodenticide 186, 187, 188  
  
**S**  
safety evaluation 261  
safety information 218  
safrole 233

- Salicylic acid 214  
salivary gland 232  
Salmonella 201  
*Salmonella* 195, 254, 255  
*Sarcocystis fayeri* 256  
screening 192  
Screening 244  
screw-sense control 210  
security countermeasures 75  
self-grooming behavior 226  
senna 171  
Setsucha 171  
Shiga toxin-producing *E. coli* (STEC) 196  
Shiga toxin-producing *Escherichia coli* 201  
Shiga toxin-producing *Escherichia coli* O157 200, 206  
SigB 195  
sildenafil analogue 209  
Silica 181  
silicate 194  
silicone resin 71  
Silver 181  
Silymarin 238  
simulation model 196  
Size exclusion chromatography 162  
skin 184  
Skin irritation 225  
skin morphology 225  
skin permeation 225  
skin sensitization test 182, 184  
smooth muscle cells 181  
sodium nitrite 236  
sodium stearoyl lactylate 192  
solid-phase synthesis 211  
Somatropin 167  
species identification 169  
Specification 246  
Sperm 166  
spinosad 189  
Stability 161  
stabilization 160  
standard 185  
standard for approval review 13  
Standard for raw beef 253  
Standard method 255  
Staphylococcal enterotoxin 207  
stapled peptide 209  
statin 211  
stem cell factor 223  
*Stemona* plants 169  
Steroidogenic factor 1 222  
Stevens-Johnson syndrome 260  
*stx* genotype 200  
subchronic toxicity 230  
Sugihiratake 191  
sulfadimethoxine 231  
sulpiride 235  
supply 245  
supramammillary nucleus 226  
surveillance system of infectious diseases 255  
Survival 201  
synthetic cannabinoid 173  
synthetic cannabinoids 172, 173  
synthetic resin 186  
systems biology 159
- T**
- tablet PC 182  
tamoxifen 211  
Tamoxifen 223  
taste evaluation 172  
TBHQ 180  
Telephone Survey 218  
tensile property 182  
Teratogenicity 243  
TESSy 259  
*Test concentration limit* 217  
testicular toxicity 234  
test methods for biological safety evaluation of medical devices 13  
the Japanese Pharmacopoeia 171  
thermal analysis 247  
thiabendazole 46  
thyroid carcinogenesis 231  
thyroid follicular cell carcinomas 231  
time-of-flight mass spectrometry 174  
tissue distribution 185  
titanium dioxide 184, 194  
titration 46  
TLC 192  
Tolerance 258  
Toll-like receptor-9 160  
total diet study 190  
toxic epidermal necrolysis 260

toxicogenomics 158, 159, 160  
 Toxicogenomics 159, 244  
 Toxicological information 31  
 toy 194  
 Transcriptional activation 164  
 Transcription factor 164  
 trans-fat 190  
 Transfection 164  
 transforming growth factor-beta 223  
 transient receptor potential canonical 176, 180  
 transient receptor potential channel 179  
 Transporter 163  
 trichothecene 200  
 Trichothecene mecotoxins 205  
 TRIMCyp 183  
*trnK* intron sequence 169  
 TrpCage 221  
 Two-generation reproductive/developmental toxicity 243  
 tyrosine phosphorylation 167

**U**

ubiquitin 211, 213  
 ubiquitin-proteasome system 211  
 UHMWPE 182  
 UJNR 256  
 Ultrasound 164  
 undifferentiated sarcoma 232  
 Unsulfated glycan 216  
 UPLC-UV 170  
*Upper concentration limit* 217  
 urine 174  
 uterus 232  
 UVB 237

**V**

validation 225  
 Validation 252, 255  
 validation study 171  
 vedaprofen 188  
*Vibrio parahaemolyticus* 201, 206  
*Vibrio vulnificus* 206  
 virtual machine 75  
 Virus-Net 256  
 vitamin D receptor 210  
 Vitellogenin 205

**W**

*Weight of evidence* 218  
 weight of evidence (WOE) 263  
 Wistar Hannover GALAS rat 232  
 Wnt signalling 179

**X**

xenotransplantation 50  
 Xerophilic fungi 202  
 X-ray crystallographic analysis 210  
 X-ray structure 173

**Y**

yeast two-hybrid assay 170

**Z**

Zinc Oxide 181

1,2-Naphthoquinone 183  
 1-(3-trifluoromethylphenyl)piperazine (TFMPP) 174  
 1H-NMR 209  
 2-(2-methoxyphenyl)-1-{1-[ (1-methylpiperidin-2-yl)  
 methyl]-1H-indol-3-yl}ethanone 173  
 2,4-diaminotoluene 240  
 2,6-diaminotoluene 240  
 2-alkylcyclobutanone 189  
 3D human skin model 184  
 4-hydroxycoumarin 187  
 5-bromo-2'-deoxyuridine 229  
 8-hydroxydeoxyguanosine containing DNA 160

DDS製剤 248

ELISA法 258

(-) -epigallocatechin gallate 200

GHS分類 259

HPVプログラム 265

non-O157志賀毒素產生性大腸菌 (STEC) 219

PFGE試験 256

(Q)SAR 241

SIDS初期評価会議 265

Ti-Zr-Nb合金 181

- WHI試験 259  
α-Synuclein 215  
β-haptoglobin 168  
γ-radiation 238  
δ-guaiene synthase 169
- アスピリン 257  
新しい寄生虫性食中毒 256  
アパタイト形成 181  
新たな食中毒 256  
安全性 177, 178, 249, 262  
安定性評価 178  
胃腸炎ウイルス 198  
一般試験法 246  
一般用医薬品 251  
一般用漢方製剤承認基準 250  
遺伝子型 199  
遺伝子鑑定 251  
遺伝子組換えFSH 166  
遺伝子治療 251  
遺伝毒性 259, 263, 264  
医療機器 182  
飲食物 258  
ウイルス検査法 198, 255  
ウイルス検出法 198  
ウイルス性食中毒 197, 198, 199  
ウイルス性食中毒 255  
栄養 259  
エポエチンアルファ後続品 249  
塩基配列情報 198  
買上げ検査 169  
海外 219  
ガイドライン 249  
化学医薬品 246  
化学物質 258, 259  
化学薬品 246  
各条へパリンナトリウム 166  
革新的医薬品 246  
画像解析 246  
カビ汚染 256  
カビ毒 256  
殻付き卵 259  
玩具 252  
感染性胃腸炎 199  
漢方処方エキス 250  
漢方製剤 250, 251
- 規格 252  
器具・容器包装 252  
規制 256  
規制科学 246  
規制値 258  
寄生虫 256  
凝集体 249  
強壮系健康食品 169  
共有化 198  
許容ばく露濃度 252  
グルタミン酸トランスポーター 261  
経済協力開発機構 265  
ケイ酸マグネシウム 253  
化粧品 262  
結晶化 247  
結晶多形 246  
原因不明下痢症 256  
検査法 255  
原子吸光光度法 253  
口腔内崩壊錠 246  
抗酸化剤 257  
高次構造 249  
抗腫瘍効果 257  
高生産量化学物質 265  
構造式 253  
公定書 245, 252  
後発医薬品 246  
国際調和試験法 250  
国際比較 249  
国際標準化 182  
コショウ 259  
混合感染 198  
剤形 245  
再生医療機器 182  
細胞・組織加工製品 176  
サポウルス 199  
サルモネラ 259  
サルモネラ属菌 257  
酸化ストレス 257  
残存化学物質 252  
ジェネリック医薬品品質情報検討会 246  
塩 259  
試験法 262  
指針 251  
室内環境 256  
質量分析法 250  
脂肪酸 259

- 重要品質特性 250  
宿主細胞由来DNA 249  
純度試験 166  
錠剤 245  
承認基準 251  
消費者庁 259  
生薬及び動植物成分のリスク区分 250  
生薬製剤 250  
生薬製剤一般用配合剤 250  
生薬等各条 250  
食中毒 257  
食中毒関連病原体 259  
食中毒傾向 256  
食中毒調査 255  
食品 198, 258, 259  
食品汚染 256  
食品中の食品添加物分析法 253  
食品添加物 252  
食物アレルギー 258  
食用多糖類ペクチングル化 256  
スプラウト 259  
製剤総則 246, 250  
生食 257  
製造工程由来不純物 249  
生物学的性質 249  
生物薬品 250  
製薬用水 245  
西洋ハーブ 251  
専門家判断 259  
前立腺癌 248  
掃除機内ダスト 199  
造腫瘍性 176  
創薬 246, 257  
測定 258  
第16改正日本薬局方 253  
ダイオキシン汚染 259  
第十六改正日本薬局方 250  
大腸菌O104:H4 259  
体内動態 248  
中和抗体 249  
定量NMR 251  
データの質 259  
データベース 256  
デオキシニバレノール 256  
統合失調症 261  
同等性 247  
動物実験代替法 261, 262  
動物実験の3R 261  
動物用飼料 259  
特性解析 249  
特定原材料 258  
トレーサビリティ 251  
ナノDDS 248  
ナノマテリアル 252  
ナノメディシン 248  
生牡蠣 255  
生シラス 197  
難溶性医薬品 160  
日局 245  
日本薬局方 246, 250  
乳癌 259  
ネットワーク 256  
熱分析 247  
ノロウイルス 199  
ノロウイルス食中毒 255  
バイオ医薬品 249, 250  
バイオ後続品 249  
バイオシミラー 249  
発がん物質 258, 259  
パラサイトトキシン 256  
バリデーション 262  
非晶質 247  
ヒトES細胞 178  
ヒトiPS細胞 177  
ヒト幹細胞 177, 178  
ヒト体性幹細胞 177  
ヒト多能性幹細胞 176  
肥満細胞 258  
評価 248  
病原体調査 256  
非臨床試験 178  
品質 177, 178, 249, 250  
品質確保 246  
品質管理 178, 245, 246  
品質評価 251  
フェヌグリーク種子 259  
ふき取り 198  
不純物 263, 264  
物理的化学的性質 249  
分化誘導肝細胞 261  
分子変異体 249  
分析 258  
分類 245  
ヘパリン 249

- ヘパリンナトリウム 250  
崩壊試験法 246  
放射線 258  
放射能 258  
ホームページ 258  
骨組織適合性 181  
ホルモン療法 259  
マイコトキシン 256  
マイコプラズマ試験 250  
慢性疲労症候群 248  
無承認無許可医薬品 169  
名称 253  
目的物質由来不純物 249  
薬局方 245, 249  
有害性試験 252  
有症苦情事例 197  
溶出試験 160  
溶出性 246  
ラウリル硫酸ナトリウム 160  
理化学試験法 246  
理化学試験用ヘパリンナトリウム標準品 166  
リスク評価 249, 258, 259  
リポソーム製剤 247  
臨床応用 248  
臨床試験 178  
臨床評価 166  
ルシフェラーゼ 258  
レギュラトリーサイエンス 166, 261  
レトロウイルス 248