

- Absorption 317
Australia 254
- Ceramide(s) 213, 217
Chemical engineering 313
Cholesterol 217
– sulfate 217
Colloid science 234
Computational simulations 317
Contact urticaria syndrome 190
Cooper, Gene 295
- Dermatopharmacokinetics 302
Dermis 243
Diffusion 277
Drug delivery 263, 317, 331
- Engineering 263
Environmental risk assessment 199
Epidermis 217
Eutectic systems 234
- Fatty acid 217
Fick's laws 277
Finite dose 295
Follicular penetration 227
Formulation 277
Franz diffusion cell 317
- Glucosylceramide 217
Guy, Richard 302
- Hair follicle 227
Heat-activated delivery 331
Historical overview 213
- In vitro models 317
Iontophoresis 243, 302, 331
- Langer, Robert 263
Laplace transform 286
Lipids 217
Liposomes 234
- Mathematical modeling 286, 313
Membrane permeation 254
Model 263
- Occupational dermatology 190
- Partition 277
Penetration enhancer(s) 234, 295
Percutaneous absorption 190, 313, 343, 356
– drug delivery 286
– penetration 277
Physicochemical properties 356
Polar pathway 243
Predicting percutaneous absorption 181
- Quantitative structure-penetration relationship 295
- Reconstructed skin 317
- Saarbruecken penetration model 317
Skin 217, 243, 317, 331
– absorption 302
– barrier 254
– – function 181
– – morphology 213
– interactions 356
– penetration 181
– permeability 213, 295
– permeation 199
– sandwich 234
– variability 234
Solubility 277
Solute 356
Stratum corneum 181
– – fat layer 213
– – intercellular lipids 181
Supersaturation 234
- Technology 263
Topical administration 302
– cosmetics 199
– drug delivery 199
Transdermal drug delivery 234, 263, 302
– patch 331
– transport 243
Triggered drug release 227
- Vasoconstrictor assay 234
Vehicle 356