Index

A

ADKA-DokuPIK 178, 182
adverse event 272-274, 278, 324, 331, 334, 338, 342
American Cancer Society 138, 165, 246
Antiretroviral Therapy (ART) 16, 19-20
Apomediation 247
APS-Doc 180-183, 185
Automated Dispensing Systems (ADS) 7

B

Bayesian Confidence Propagation Neural Network (BCPNN) 269-270
Bayesian Methods 268
benefits realization 58-60, 62, 65, 69, 71, 110-113, 117-122, 126, 128
bioinformatics 139, 173, 281, 289-290, 295-296, 301-304, 317-320
Bio-Pharmaceutical Industry 72-76, 78, 80-83, 85-87, 90
biotechnology 74
bliki hybrids 161
Boston Collaborative Drug Surveillance Program (BCDSP) 345
Bureau of National Health Insurance (BNHI) 123

C

Cell-PREVEN 18, 22
Clinical pharmacist 178-179
clinical tests 78, 81, 345
Computerized Physician Order Entry (CPOE) 7, 221, 335
Continuity of Care Patient Tracking System (CCPTS) 18

Contract Research Organizations (CROs) 76, 90
CORBAmed 216-217
cost-effectiveness analysis 45, 52, 92-94, 96, 98, 103-105, 107-109
cost-utility analysis 106, 109
CPOE system - See Computerized Physician Order Entry.

D

Darwikinism 160
data integrity 17, 248-249, 251, 253, 255, 260-261, 263-265, 267
decentralisation 29, 348
decision support 1, 4-7, 11, 14, 49, 52, 139, 154, 162-163, 166, 187, 220-222, 224-230, 232-233, 235, 264, 266-267, 335
Decision Support System (DSS) 335
defamation 243
Dichlorodiphenyltrichloroethane (DDT) 299
digital media 138, 153, 245-246
Disability-Adjusted Life Years (DALYs) 99
Disease Control Priorities Project 13, 22
dispensing 6-7, 12, 14, 17, 20, 93-94, 106, 116, 139, 143, 145, 147, 221
Drug Event Combination (DEC) 279
Drug Interaction 130-131, 133, 136, 143-146, 154-156, 158-159, 162-163, 166, 168, 170, 173, 175-177, 295, 335
Drug Management Agent (DMA) 195, 197-198
Drug-Related Problems (DRPs) 2, 293
Drug Therapy and Interactions Agent (DT&I) 194
Drug User Fee Act (PDUFA) 345

E

Economic Co-Operation and Development 92, 106
Electronic Dispensing Tool (EDT) 20
Electronic Medical Record (EMR) 6, 11, 201
**Index**

ELM (Eukaryotic Linear Motif) 306, 310
empathy 25
Empirical Bayesian Geometric Mean (EBGM) 269-271
entity 192, 250, 253-255, 257, 267, 327
dependency 248, 252, 254, 256-258, 261, 264, 267
fuzzy logic 190, 277, 279
fuzzy logic technology 190
fuzzy RPD model 190

**F**
Federal Emergency Management Agency (FEMA) 28, 41
foreign key 254, 260-261, 267
functional dependencies 248, 252, 254, 256-258, 261, 264, 267
fuzzy logic 190, 277, 279
fuzzy logic technology 190

**G**
Ganfyd 160
generalised optimisation framework 92, 101-103
Genetic Polymorphism 326
gross domestic product 99-100, 109

**H**
HCF system 214, 216
Healthcare Communication 25, 28, 42
Health Care Factory (HCF) 213
health consumer 247
High Throughput Screening (HTS) 90
Hospital Agent (HA) 193
Human Epigenome Project 161, 163

**I**
Incremental Cost-Effectiveness Ratio (ICER) 93-94
Information Economics Approach 113
International Society of Pharmacovigilance (ISOP) 350
International Training and Education Center for Health (I-TECH) 20
interoperability 18
IT Investment Evaluation Methodologies 71, 128
IT Maturity 68, 111, 114, 120, 122, 126, 128

**J**
Jack bean-JB 303

**K**
Kobler Unit Framework 113

**L**
Laboratory and Images Agent (L&IA) 194
Laboratory Information Management Systems (LIMS) 203
lead identification 78, 80

**M**
marginal analysis 92, 101-103, 105-106
MedDRA 336, 341
Medical Informatics 5, 10, 23, 139, 163-164, 166-167, 170-173, 175-176, 189, 199, 224, 232-234, 266-267, 332, 339, 341
Medpedia 160
Millenials 247
Monte Carlo Simulation Techniques 277, 279
multi-criteria decision analysis 92, 101-104
Multi-object, Multi-criteria Methods 113
Mutations 161, 166, 224, 300

**N**
National Drug Code (NDC) Directory 255
new healthcare technology 25
Nigerian polio crisis 26
Nurse Agent (NA) 197-198

**O**
Odds Ratio (OR) 269, 271, 275
onco-wikis 160-161
online social capital 247
Open Innovation paradigm 72-74, 83
opportunity cost 95, 109

**P**
patient decision aids 220-223, 226, 235
patient monitoring 12, 14, 123, 203
Patient’s Agent (PA) 194
patient satisfaction 116, 121-125, 127-128, 149
peer-to-peer negotiation 190
personalized decision support 220-221, 224-226, 229-230, 232, 235