# List of figures, tables and boxes

## Chapter I

### Figures

Figure 1.1	Leading causes of disease burden in DALYs in 2000 and 2016 globally	34
Figure 1.2	Leading causes of death in 2000 and 2016 globally	34
Figure 1.3	Global burden of disease ranking, 1990 and 2017	35
Figure 1.4	The distinct policy domains of public health	37
Figure 1.5	Policy intersections between distinct levels	38

#### Boxes

Box 1.1	WHO–WIPO–WTO technical symposia	32
Box 1.2	The disability-adjusted life year (DALY)	33
Box 1.3	Health and medical technologies: fundamental concepts	39

## Chapter II

Figures

Figure 2.1	Key challenges in implementing national action plans	
Figure 2.2	2 Stewardship, innovation and access: a delicate balance of conflicting goals	
Figure 2.3	Illustration of terms of patent protection and regulatory exclusivities	61
Figure 2.4	Growth of the top four technology fields, 2000–2019	79
Figure 2.5	PCT applications in the field of medical technology, including pharmaceuticals, 2000–2019	79
Figure 2.6	Main countries of origin of PCT publications in the field of medical technology, including pharmaceuticals, 2000–2019	80

#### Tables

Table 2.1	Information available in MedsPaL and Pat-INFORMED	75
Table 2.2	Examples of search parameters for pharmaceutical substances	77
Table 2.3	Number of GATS commitments	101
Table 2.4	Coverage in the health sector by parties to the WTO GPA	104

Boxes

Box 2.1	Selected reports on access to medicines and R&D	47
Box 2.2	The Global Strategy and Plan of Action on Public Health, Innovation and Intellectual Property	50
Box 2.3	CRISPR-Cas9 gene-editing technology	58
Box 2.4	CAR T-cell therapy	58
Box 2.5		

Box 2.10	WIPO Standing Committee on the Law of Patents	73
Box 2.11	Sebetecteththtabases	

Box 3.5	Advance market commitments in vaccines	147
Box 3.6	European Medicines Agency makes available clinical trials data	150
Box 3.7	Initiatives to revitalize the antimicrobial pipeline	154
Box 3.8	WHO R&D Blueprint for Action to Prevent Epidemics: priority list as at February 2018	155
Box 3.9	2012 CEWG report: key recommendations	155
Box 3.10	Unitaid	157
Box 3.11	Examples of prize schemes	157
Box 3.12	Examples of successful product development partnerships	162
Box 3.13	Patenting products of nature – the Myriad case	170
Box 3.14	Examples of drug-device combinations	172
Box 3.15	How India defines and applies patentability criteria	174
Box 3.16	Second use patents: the case of fluoxetine	175
Box 3.17	WIPO Patent Search Report on PIP-Related Patents and Patent Applications	181

# Chapter IV

-			
- L- I		1 I r	00
	IU	ur	65
	. Э		

Figure 4.1	The WHO Health System Framework	193
Figure 4.2	The three dimensions of universal health coverage	194
Figure 4.3	Ensuring access along the value chain of medicines and health products	195
Figure 4.4	Local production and access to essential 0 42/Link AMCID 161 BDC BT/niaion and a	ccess to essentia

Box 4.34	The European Union's Guidelines on Technology Transfer Agreements, monitoring and enforcement against reverse patent settlements in the pharmaceutical sector	273
Box 4.35	Competition law enforcement against a reverse patent settlement in the Republic of Korea	273
Box 4.36	Abuse of dominance in South Africa	273
Box 4.37	Applying competition law to generic manufacturers	275
Box 4.38	General approaches to "excessive pricing" in domestic laws	275
Box 4.39	Examples of "excessive pricing" cases concerning pharmaceuticals	275
Box 4.40	Jurisprudence on competition authority scrutiny to enable competition through off-label use	276
Box 4.41	Hospital merger in Brazil	276
Box 4.42	The 2019 Health Market Inquiry of the Competition Commission of South Africa	277

#### Annexes

292
298
302