

Title	Description	Start date	Status of project	Proposal type	Superseded by	Research (funding and structure)	Open or closed	Push or pull	Target area	Disease	Region	Key people/ organisations	Website	Links to key documents
GAVI	A PDP focused on vaccines for children, which pools the demand of poorer countries and is financed partly through donor funding and partly through recipient country contributions.	2000	Operational	Organisation	-	Grants	Closed	Push	Targeted	Vaccines	International	Gates	http://www.gavi.org/ http://www.gavi.org/about/gavis-business-model/	
3P Proposal	A package of incentives to encourage the creation of a one-month TB regimen which is affordable for all.	2015	Proposed	Proposal	-	Mixed	Open	Mixed	Targeted	TB	International	TB Alliance (TBA), Médecins Sans Frontières (MSF), the Stop TB Partnership (STBP), The South African Medical Research Council (SAMRC), the International Union Against TB and Lung Disease (The Union), the Medicines Patent Pool (MPP), the Critical Path Institute (C-PATH) and an individual nominated by civil society groups (CS)	https://www.msfaaccess.org/3Ps-project	https://www.msfaaccess.org/sites/default/files/TB_briefing_3P-2016_EN.pdf
MRDT - Medical Research and Development Treaty (or MIC - Medical Innovation Convention)	A binding international treaty committing states to contribute a certain proportion of GDP to medical research.	2002	Proposed	Proposal	-	Mixed	Open	Mixed	Comprehensive	-	International	CPT, James Love, WHO, Hubbard	-	http://www.cptech.org/workingdrafts/rndtreaty4.pdf
WHO biomedical convention proposals.	A series of proposals to the WHO to create a global framework committing states to contribute a certain level of funding into a pooled funding mechanism.	2005	Proposed	Proposal	-	Mixed	Open	Mixed	Comprehensive	-	International	Brazil, Kenya, WHO	-	-
WHO Global Consortium	a multifaceted model combining milestone prizes and research grants for promising drug candidates, open source sharing of knowledge and information, publicly financed clinical trials, patent buyouts of successfully developed antibiotics, and advanced purchase commitments for generic distribution	2014	Proposed	Proposal	-	Mixed	Open	Mixed	Targeted	Antibiotics	International	WHO	-	http://www.who.int/phi/implementation/9_infobrief_current_who_model_for_development_preservation_new_antibiotics.pdf http://www.globalhealthdynamics.co.uk/wp-content/uploads/2015/05/04_Kieny.pdf
Orphan Drug Act 1983	A set of incentives included extended market exclusivity introduced by government to encourage the creation of drugs which affect a small number of people.	1983	Operational	Proposal	-	Monopoly patents	Closed	Pull	Targeted	Orphan diseases	US	US government	-	http://digital.library.unt.edu/ark:/67531/metadc805930/
PRVs - Priority Review Vouchers (US)	A US scheme where companies who create neglected drugs are given a voucher for use on another drug which will expedite the FDA review process.	2006	Operational	Proposal	-	Monopoly patents	Closed	Pull	Targeted	NDS	US	Ridley Grabowski and Moe, FDA	https://www.fda.gov/RegulatoryInformation/LawsEnforcedbyFDA/SignificantAmendmentsstotheFDCAct/FoodandDrugAdministrationAmendmentsActof2007/FullTextofFDAAALaw/default.htm	-
MPP - Medicines Patent Pool	A patent pool which reduces the cost of drugs treating HIV, viral hepatitis C and tuberculosis.	2010	Operational	Proposal	-	Monopoly patents	Open	Pull	Targeted	HIV, Hep C and TB	International	UNITAID, WHO	http://www.medicinespatentpool.org/	-
DEFEND -	A fund for buying	2001	Proposed	Proposal	-	Monopoly	Closed	Pull	Targeted	NDS	Developing	Ganslandt, Maskus,	https://ideas.repec.org/a/bla/world/v24y2001i6p779-795.html	-

Title	Description	Start date	Status of project	Proposal type	Superseded by	Research (funding and structure)	Open or closed	Push or pull	Target area	Disease	Region	Key people/ organisations	Website	Links to key documents
Developing Economies' Fund for Essential New Drugs	licenses to produce and sell drugs in the developing world.					patents					countries	Wong		
Pneumococcal AMC	A scheme where donors precommit to subsidise the price of pneumococcal vaccines when developed.	2007	Operational	Proposal	-	Prizes	?	Pull	Targeted	Pneumococcal disease	GAVI countries	Italy, UK, Canada, Russia, Norway, Gates Foundation, GAVI	http://www.gavi.org/funding/pneumococcal-amc/	http://www.scielo.org/scielo.php?script=sci_abstract&pid=S0042-96862011001200015&lng=en&nrm=iso&tIng=en
Chagas Disease Prize Fund	A proposal to the WHO for a \$250m prize system for Chagas disease, incorporating product prizes, technical challenge prizes and best contribution prizes	2009	Proposed	Proposal	-	Prizes	Open	Pull	Targeted	Chagas	International	Bangladesh, Bolivia, Barbados and Suriname, WHO	-	http://www.who.int/phi/Bangladesh_Barbados_Bolivia_Suriname_ChagasPrize.pdf
MIPF - Medical Innovation Prize Fund	A compulsory fund to replace the patent system which rewards innovators on the basis of the health impact they create.	2005	Proposed	Proposal	-	Remuneration rights	Open	Pull	Comprehensive	-	US	Bernie Sanders	-	https://www.keionline.org/sites/default/files/big_prize_fund_overview_26may2011_letter.pdf
HIF - Health Impact Fund	A proposal to create a fund to pay for pharmaceutical innovation according to health impact.	2008	Proposed	Proposal	-	Remuneration rights	Open	Pull	Comprehensive	-	International	Pogge, Hollis, Incentives for Global Health, Global Justice Program	http://healthimpactfund.org/	http://healthimpactfund.org/wp-content/uploads/2015/12/hif_book.pdf
Cancer Innovation Fund	A proposal to delink R&D costs from drug and vaccine prices in the case of cancer.	2017	Proposed	Proposal	-	Remuneration rights	Open	Pull	Targeted	Cancer	Europe/ International	Union for Affordable Cancer Treatment (UACT), KEI	https://cancerunion.org/2017/02/01/101/	-
FRIND - Fund for Research in Neglected Diseases	A fund for R&D into neglected diseases which awards remuneration to innovators provided that their drugs are sold affordably.	2009	Proposed	Proposal	-	Remuneration rights	Closed	Pull	Targeted	NDS	Developing countries	Novartis, Herring	-	http://www.who.int/phi/Novartis.pdf
Drug Development Corporation - DDC	A proposal to separate R&D companies and pharmaceutical production companies at a regulatory level, and create a public, non-profit intermediary called the Drug Development Corporation. The DDC would license manufacture with price caps, and reward R&D companies with royalties proportionate to social impact.	2008	Proposed	Proposal	-	Remuneration rights	Mixed	Pull	Comprehensive	-	-	Finkelstein and Temin	-	Cited in Stewart, Tessa, and Benjamin Mak. "New Drugs, New Frontiers: Balancing Access and Affordability in the Treatment of Infectious Diseases." Cambridge Medicine Journal, 2016. doi:10.7244/cmj.2016.03.001. From Finkelstein S, Temin P. Reasonable Rx: solving the drug price crisis [Internet]. Upper Saddle River, N.J.: FT Press; 2008
CARB-X	A biopharmaceutical incubator with the aim of accelerating a diverse portfolio of at least 20 high-quality antibacterial products towards clinical development by leveraging \$450 million in BARDA funds with matching funds from Wellcome Trust.	2016	Operational	Organisation	-	Grants	-	-	Targeted	Antibiotics	International	Part of CARB. Boston University. Kevin Outterson. BARDA. Wellcome Trust	http://www.carb-x.org/	-
Antibiotic Conservation Effectiveness (ACE) Program	A comprehensive system involving value based reimbursement, P4P payments, conservation-based market exclusivity, and	2011	Proposed	Proposal	-	Mixed	Closed	Pull	Targeted	Antibiotics	US	Kesselheim, Outterson	-	Improving antibiotic markets for long-term sustainability.

Title	Description	Start date	Status of project	Proposal type	Superseded by	Research (funding and structure)	Open or closed	Push or pull	Target area	Disease	Region	Key people/ organisations	Website	Links to key documents
	anti-trust waivers													
Essential Drugs Incubator - EDI	An international body disbursing grants and prizes in exchange for the IP rights to drugs created.	2016	Proposed	Proposal	-	Mixed	Mixed	Mixed	Comprehensive	-	International	Stewart and Mak	-	Stewart, Tessa, and Benjamin Mak. "New Drugs, New Frontiers: Balancing Access and Affordability in the Treatment of Infectious Diseases." Cambridge Medicine Journal, 2016. doi:10.7244/cmj.2016.03.001.
the Reinventing Antibiotic and Diagnostics Innovation [READI] Act	An act providing tax credits and other incentives for the development of antibiotics.	2017	Proposed	Proposal	-	Mixed	Closed	Mixed	Targeted	Antibiotics	US	Erik Paulsen (R-Minn.) and Mike Thompson	https://www.govtrack.us/congress/bills/115/hr1840	https://www.congress.gov/bill/115th-congress/house-bill/1840
GIP - green intellectual property	A patent-related monetary flow directed to a trust fund for R&D.	2006	Proposed	Proposal	-	Mixed	Closed	Mixed	Comprehensive	-	International	Itaru Nitta	-	http://www.who.int/entity/phi/public_hearings/second/contributions_section2/Section2_Nittataru-GreenIntellectualPropertyProject.pdf?ua=1
Rewarding Antibiotic Development and Responsible Stewardship (RADARS) Program	A combination of NTAP payments for novel antibiotics and a guaranteed minimum annual revenue for developers over the drug's first five years on the market.	2013	Proposed	Proposal	-	Mixed	Closed	Pull	Targeted	Antibiotics	US	Pew	-	http://www.pewtrusts.org/~media/assets/2014/06/25/a-new-pathway-for-antibiotic-innovation/radarspewpresentation13113updatedpdf.pdf
GlaxoSmithKline's Delinkage Model	An annual payer license combined with a variety of incentives such as PDPs, tax credits, and research grants to delink sales and R&D costs	2014	Proposed	Proposal	-	Mixed	Closed	Mixed	Targeted	Antibiotics	International	submitted to the WHO by James Anderson, GSK	-	http://www.who.int/phi/implementation/6_infobrief_delinking_roi_from_sales_volumes.pdf
BEAM Alliance Position Paper	Proposed a fund for small and medium biotechs working on AMR, regulatory harmonisation, and market reforms (tax breaks, extended exclusivity, revision of pricing models, market entry reward system) to increase the price of antibiotics and make their creation more attractive.	2015	Proposed	Proposal	-	Mixed	Closed	Mixed	Targeted	Antibiotics	International	BEAM Alliance (biotechs of europe innovating in antimicrobial resistance)	https://beam-alliance.eu/	http://beam-alliance.eu/assets/2015-Position-Paper.pdf
Carlet and LeCoz 2015	A report to the French government proposing an extension of market exclusivity and revision of price setting and subsidy of R&D costs via a new fund.	2015	Proposed	Proposal	-	Mixed	Closed	Mixed	Targeted	Antibiotics	International	Carlet, LeCoz, groupe de travail spécial pour la préservation des antibiotiques, French government. Some of this may be being acted upon.	-	http://solidarites-sante.gouv.fr/IMG/pdf/rapport_antibiotiques.pdf
BioShield	A package of incentives including the commitment to purchase for a national stockpile, aimed at reducing the risks of bioterrorism.	2004	Operational	Proposal	-	Mixed	Closed	Pull	Targeted	Bioterrorism related diseases	US	US government	https://georgewbush-whitehouse.archives.gov/infocus/bioshield/	-
Essential Medicines Patent Pool - EMPP	An extension of the MPP to all essential medicines.	2017	Proposed	Proposal	-	Monopoly patents	Closed	Pull	Targeted	Essential medicines	International	Lancet Commission, MPP	https://www.keionline.org/node/2657	http://www.thelancet.com/journals/lancet/article/PIIS0140-6736(16)31599-9/abstract
Vaccines Research Relief	An R&D tax credit scheme the fields of vaccines and treatments for tuberculosis, malaria and HIV/AIDS	2003	Completed	Proposal	-	Monopoly patents	Closed	Pull	Targeted	TB, Malaria and HIV/AIDS	UK	UK Department (ministry) of Trade and Industry	https://www.gov.uk/government/publications/vaccine-research-relief-expiry-in-2017	-
Intra-country differential pricing of vaccines	public sector and NGOs pay a lesser price than private companies.	-	Operational	Proposal	-	Monopoly patents	Closed	-	Targeted	-	-	UNICEF, PAHO, GAVI	-	http://apps.who.int/medicinedocs/en/d/Js18390en/
Differential pricing of vaccines	Most vaccines are sold with a three-tiered structure.	-	Operational	Proposal	-	Monopoly patents	Closed	-	Targeted	-	International	UNICEF, PAHO, GAVI	-	http://apps.who.int/medicinedocs/en/d/Js18390en/

Title	Description	Start date	Status of project	Proposal type	Superseded by	Research (funding and structure)	Open or closed	Push or pull	Target area	Disease	Region	Key people/ organisations	Website	Links to key documents
21st Century Cures Act	A US bill which expedites review for qualifying biologicals and devices.	2016	Operational	Proposal	-	Monopoly patents	Closed	Pull	Targeted	-	US	Fred Upton	https://www.fda.gov/RegulatoryInformation/LawsEnforcedbyFDA/SignificantAmendmentstotheFDCA/21stCenturyCuresAct/default.htm	https://www.congress.gov/bill/114th-congress/house-bill/6
PEPFAR (President's Emergency Plan for AIDS Relief) program	An initiative to buy and distribute HIV drugs to poor countries.	2003	Operational	Proposal	-	Monopoly patents	Closed	Pull	Targeted	HIV	Developing countries	US government	-	https://www.pepfar.gov/documents/organization/188019.pdf
Paediatric incentive	Companies who carry out drug trials on children are rewarded with a period of market exclusivity on the drug for adult consumption, under the Modernisation Act.	1997	Operational	Proposal	-	Monopoly patents	Closed	Pull	Targeted	Paediatric diseases	US	FDA, US government	https://www.fda.gov/RegulatoryInformation/LawsEnforcedbyFDA/SignificantAmendmentstotheFDCA/FDAMA/FullTextofFDAMAlaw/default.htm	-
CHAI - Clinton Health Access Initiative	An initiative to buy and distribute drugs and to negotiate lower drugs prices, particularly focusing on HIV/ AIDs	2002	Operational	Proposal	-	Monopoly patents	Closed	Pull	Targeted	HIV/AIDs and others	Developing countries	Bill Clinton	http://www.clintonhealthaccess.org/	-
Differential pricing of ARVs	Tiered pricing for developing countries for ARVs. Sometimes funded by pharmaceuticals, otherwise by donors.	2000	Operational	Proposal	-	Monopoly patents	Closed	-	Targeted	HIV/AIDs	International	Accelerated Access Initiative (AAI), Abbot, Bristol Myers Squibbs, Roche, Boehringer Ingelheim, Gilead and Merck, Global Fund to Fight AIDS, TB, and malaria, and the President's Emergency Plan for AIDS Relief (PEPFAR)	-	http://apps.who.int/medicinedocs/en/d/Js18390en/
Differential pricing of Mycobutin	Sold at 55% lower than US price.	1992	Operational	Proposal	-	Monopoly patents	Closed	-	Targeted	TB	International	Pfizer	-	http://apps.who.int/medicinedocs/en/d/Js18390en/
Differential pricing of Lyrica	Sold at 60% lower than US price.	2005	Operational	Proposal	-	Monopoly patents	Closed	-	Targeted	Epilepsy and other convulsive disorders	International	Pfizer	-	http://apps.who.int/medicinedocs/en/d/Js18390en/
Differential pricing of insulin	Sold at less than 20% of developed prices.	2001	Operational	Proposal	-	Monopoly patents	Closed	-	Targeted	Diabetes	International	Novo Nordisk	-	http://apps.who.int/medicinedocs/en/d/Js18390en/
Differential pricing of Januvia	Sold at a fifth of the US price in India after consultation with Indian healthcare workers.	2006	Operational	Proposal	-	Monopoly patents	Closed	-	Targeted	Diabetes	India	Merck	-	http://apps.who.int/medicinedocs/en/d/Js18390en/
GSK pricing scheme	Tiered pricing scheme.	2013	Operational	Proposal	-	Monopoly patents	Closed	-	Targeted	-	International	GSK	-	https://www.gsk.com/media/3370/tiered-pricing-and-vaccines-apr14.pdf
Novartis pricing scheme	Non-profit provision of antimalarials. Including intra-country differential pricing, where public sector and NGOs pay a lesser price than private companies.	2001	Operational	Proposal	-	Monopoly patents	Closed	-	Targeted	Malaria	International	Novartis, Global Fund, USAID/PMI, World Bank, WHO	-	https://www.novartis.com/sites/www.novartis.com/files/media-library/documents/novartis-malaria-factsheet-access.pdf
GAIN Act - Generating Antibiotic Incentives Now	An act extending market exclusivity for antibiotics by 5 years and granting fast track and priority review status.	2012	Operational	Proposal	-	Monopoly patents	Closed	Pull	Targeted	Antibiotics	US	Obama Administration, part of the Food and Drug Administration Safety and Innovation Act, Tom Harkin, Phil Gingrey	http://www.pewtrusts.org/en/research-and-analysis/issue-briefs/2013/11/07/gain-how-a-new-law-is-stimulating-the-development-of-antibiotics	https://www.congress.gov/bill/112th-congress/senate-bill/3187
Developing an Innovative Strategy for Antimicrobial Resistant Microbes (DISARM) Act	a proposed US bill that would build on NTAP by offering permanently higher payments for qualified antibiotics to those hospitals participating in the Antimicrobial Use and Resistance Module of the National Healthcare Safety Network	2014	Proposed	Proposal	-	Monopoly patents	Closed	Pull	Targeted	Antibiotics	US	Peter Roskam	https://www.govtrack.us/congress/bills/114/hr512	https://www.congress.gov/113/bills/hr4187/BILLS-113hr4187ih.pdf
Options Market for Antibiotics (OMA)	a funder pays a developer a premium in return	2013	Proposed	Proposal	-	Monopoly patents	Closed	Mixed	Targeted	Antibiotics	-	David Brogan, Elias Mossialos	-	Incentives for new antibiotics: the Options Market for Antibiotics (OMA) model

Title	Description	Start date	Status of project	Proposal type	Superseded by	Research (funding and structure)	Open or closed	Push or pull	Target area	Disease	Region	Key people/ organisations	Website	Links to key documents
	for the right to purchase a set volume of antibiotics at a discount upon successful launch													
HCV buyout	A proposal by Peter B. Bach and Mark Trusheim for the US government to buy Gilead in order to reduce the cost of HCV.	2017	Proposed	Proposal	-	Monopoly patents	Closed	-	Targeted	HepC	US	Peter B. Bach and Mark Trusheim	https://www.forbes.com/sites/sciencebiz/2017/01/17/the-u-s-government-should-buy-gilead-for-156-billion-to-save-money-on-hepatitis-c-2/#23c4c7e27255	-
PRVs - Priority Review Vouchers (EU)	An EU scheme where companies who create neglected drugs are given a voucher for use on another drug which will expedite the patent review process.	2010	Proposed	Proposal	-	Monopoly patents	Closed	Pull	Targeted	NDS	EU	Ridley and Sanchez	-	http://www.sciencedirect.com/science/article/pii/S0140673610606691
Multilateral Treaty on Health Technology Cost-Effectiveness Assessment and Competitive Tender	A treaty formalising basic principles for price negotiations between buyers and manufacturers, especially competitive tendering.	2006	Proposed	Proposal	-	Monopoly patents	Closed	Pull	Comprehensive	-	International	Faunce	-	Faunce, Thomas Alured. "Toward a Treaty on Safety and Cost-Effectiveness of Pharmaceuticals and Medical Devices: Enhancing an Endangered Global Public Good." <i>Globalization and Health</i> 2 (2006): 5. doi:10.1186/1744-8603-2-5.
IRFF - Industry R&D Facilitation Fund	A proposed mechanism to raise funds for PDPs through the sale of government bonds to be repaid through future donor grants.	2005	Proposed	Proposal	-	Monopoly patents	Closed	Push	Either	-	National	Moran, the George Institute, the Wellcome Trust, Pharmaceutical R&D Policy Project	-	https://www.cabdirect.org/cabdirect/abstract/20093133180
FTO - Neglected Disease Fast Track Option	A proposal to sell fast track review to companies who wish, and spend the money on R&D for neglected diseases.	2005	Proposed	Proposal	-	Monopoly patents	Closed	Pull	Targeted	NDS	International	Moran	-	http://who.int/intellectualproperty/submissions/Mary.Moran2.pdf
Sui generis rights	Perpetual market exclusivity for off-patent antibiotics.	2007	Proposed	Proposal	-	Monopoly patents	Closed	Pull	Targeted	Antibiotics	US	Laxminarayan	-	Laxminarayan R et al. (2007). Extending the cure: policy responses to the growing threat of antibiotic resistance. Washington, DC, Resources for the Future (RFF Report).
Antibiotic Innovation and Conservation (AIC) fee	a tax applied per prescription used to fund push incentives and stewardship programs	2011	Proposed	Proposal	-	Monopoly patents	Closed	Push	Targeted	Antibiotics	US	IDSA	-	Combating antimicrobial resistance: policy recommendations to save lives.
Antibiotic Corporate Bond	the sale of 10-year government-guaranteed corporate bonds (antibiotic corporate bonds or ACBs), repaid from the sale of patent-extension certificates (PECs), to create a fund for antibiotic R&D	2015	Proposed	Proposal	-	Monopoly patents	Closed	Mixed	Targeted	Antibiotics	-	Barclays, Chatham House, Ella Jaczynska, Kevin Outterson, Jorge Mestre-Ferrandiz	-	http://drive-ab.eu/wp-content/uploads/2014/09/Business-Model-Options-for-Antibiotics-learning-from-other-industries.pdf
Bamako Initiative	An experiment launched at a WHO meeting employing community-based revolving drug funds (i.e. user fees).	1987	Completed	Proposal	-	Monopoly Rights	Closed	Pull	Comprehensive	-	Developing countries	WHO, UN	-	https://www.unicef.org/sowc08/docs/sowc08_panel_2_5.pdf
Prize4Life	A prize fund for ALS treatment.	2006	Operational	Proposal	-	Prizes	?	Pull	Targeted	ALS	International	The prize broker innocente, Avichai Kremer	http://www.prize4life.org/	https://www.keionline.org/misc-docs/research_notes/kei_rm_2008_1.pdf
Gotham Prize for Cancer Research	A \$1m annual prize for the scientist posting the best ideas on oncology.	2007	Completed	Proposal	-	Prizes	?	Pull	Targeted	Cancer	International	Joel Greenblatt and Robert Goldstein, Gary Curhan	-	https://www.keionline.org/misc-docs/research_notes/kei_rm_2008_1.pdf
Armand Hammer Cancer Prize	A \$1m end prize for a cure for cancer within a decade, as well as smaller milestone prizes for innovative cancer research.	1981	Completed	Proposal	-	Prizes	?	Pull	Targeted	Cancer	International	Armand Hammer	-	https://www.keionline.org/misc-docs/research_notes/kei_rm_2008_1.pdf

Title	Description	Start date	Status of project	Proposal type	Superseded by	Research (funding and structure)	Open or closed	Push or pull	Target area	Disease	Region	Key people/ organisations	Website	Links to key documents
Hideyo Noguchi Africa Prize	A 100 million yen prize, awarded every five years in two categories, one for individuals active in the field of medical research, and one for an individual or organization involved in medical services.	2006	Operational	Proposal	-	Prizes	?	Pull	Targeted	-	Africa	WHO, Japan	http://www.noguchiprize.afro.who.int/	https://www.keionline.org/misc-docs/research_notes/kei_rm_2008_1.pdf
The Kochon Prize	An annual prize of \$65000 for a great achievement in the field of TB.	2006	Operational	Proposal	-	Prizes	?	Pull	Targeted	TB	International	Stop TB Partnership, Kochon Foundation	http://www.stoptb.org/global/awards/kochon/about.asp	https://www.keionline.org/misc-docs/research_notes/kei_rm_2008_1.pdf
Longitude Antibiotics Diagnostics Prize	A \$10m prize for a diagnostic test which helps to solve antibiotic resistance.	2014	Operational	Proposal	-	Prizes	Closed	Pull	Targeted	Antibiotics	International	Nesta (Horizon2020) and Innovate UK	https://longitudeprize.org/	http://www.nesta.org.uk/sites/default/files/kcfinder/files/longitude_prize_rules_v13.pdf
Antibiotic reimbursement model	A global reimbursement system providing a base rate reward for qualifying antibiotic products, and then a benchmarked series of additional rewards for novel mechanism of action; addressing serious unmet medical needs; reducing health-care costs; targeting priority resistant pathogens; and post-approval label changes to expand the indications.	2016	Proposed	Proposal	-	Prizes	Closed	Pull	Targeted	Antibiotics	International	Outterson and Rex	-	Rex, John H., and Kevin Outterson. "Antibiotic Reimbursement in a Model Delinked from Sales: A Benchmark-Based Worldwide Approach." <i>The Lancet Infectious Diseases</i> 16, no. 4 (April 1, 2016): 500–505. doi:10.1016/S1473-3099(15)00500-9.
Office of Health Economics' model	Combines an AMC at a national or supranational level and local value-based pricing	2014	Proposed	Proposal	-	Mixed	Closed	Pull	Targeted	Antibiotics	International	OHE	-	http://www.ohe.org/news/ohe-models-incentives-antibiotic-drug-development
Archon Genomics X-Prize	A \$10m prize pot for targets in speed and cost relating to genome sequencing, which was cancelled because it was deemed not to be incentivising innovation.	2006	Rejected	Proposal	-	Prizes	Open	Pull	Targeted	Genomes	International	X-Prize Foundation	http://genomics.xprize.org/	https://www.keionline.org/misc-docs/research_notes/kei_rm_2008_1.pdf
Improving Access To Affordable Prescription Drugs Act (S. 771 and H.R. 1776)	An act including the creation of a prize fund for antibiotics, to be awarded on condition of openness.	2017	Proposed	Proposal	-	Prizes	Open	Pull	Targeted	Antibiotics	US	Al Franken, Jan Schakowsky	http://delinkage.org/democrat-drug-pricing-bill-2017-antibiotics-delinkage/	-
Service-availability premiums	A system where a developer is remunerated on the basis of service performance in view of the user's desired needs rather than for selling a specific product	2015	Proposed	Proposal	-	Remuneration rights	Closed	Pull	Targeted	Antibiotics	-	BAE, Chatham House, Ella Jaczynska, Kevin Outterson, Jorge Mestre-Ferrandiz	-	http://drive-ab.eu/wp-content/uploads/2014/09/Business-Model-Options-for-Antibiotics-learning-from-other-industries.pdf
International Dispensary Association (IDA)	A procurer which bulk buys medicines to sell them on more cheaply	1972	Operational	Proposal	-	Monopoly rights	Closed	Pull	Essential medicines	-	International	selected as the procurement agent for the Global Drug Facility (GDF) in 2007, and later for the Global Fund's Pooled Procurement Mechanism, in 2012	https://www.idafoundation.org/who-we-are	https://www.idafoundation.org/media/wysiwyg/IDA_general_factsheet.pdf
Global Drug Facility (GDF)	A procurement mechanism for TB drugs, which lowers prices via international tendering mechanisms, pooled demand and systematized forecasting	2001	Operational	Proposal	-	Monopoly rights	Closed	Pull	Targeted	TB	International	Stop TB Partnership, WHO	http://www.stoptb.org/gdf/whatis/default.asp http://www.who.int/bulletin/volumes/85/5/06-035402/en/	-
Health Product	A pooled fund	2016	Proposed	Proposal	-	Mixed	Open	Mixed	Targeted	NDs	International	WHO, TDR, Rob	http://www.who.int/tdr/news/2016/	http://www.who.int/tdr/publications/r_d_report/en/

Title	Description	Start date	Status of project	Proposal type	Superseded by	Research (funding and structure)	Open or closed	Push or pull	Target area	Disease	Region	Key people/ organisations	Website	Links to key documents
Research and Development Fund [WHO]	proposed to the WHO for Type II and III diseases, which would allocate funding to health product R&D based on evidence-based processes.											Terry, Pierro Olliaro	fundings_managing_health_product_R_D/en/	
Longitude Prize	a £10m prize for developing an affordable point-of-care diagnostic test that will conserve antibiotics. Also gives out seed funding.	2014	Operational	Proposal	-	Mixed	Closed	Mixed	Targeted	Antibiotics, diagnostics	International	Nesta, Innovate UK	https://longitudeprize.org/	-
LPAD PLUS	The LPAD faster approval system for antibiotics combined with a monetary prize in return for conservation commitments and marginal cost pricing	2014	Proposed	Proposal	-	Mixed	Closed	Pull	Targeted	Antibiotics	US	Ken Outterson	-	https://www.chathamhouse.org/sites/files/chathamhouse/public/Research/Global%20Health/0214SustainableAntibiotics.pdf
AMR Review	Proposes a Global Innovation Fund of \$2bn over 5 years for early-stage and non-commercial research; and a system of market entry rewards of around one billion USD per drug for effective treatments. All of the proposed mechanisms should apply to vaccines and alternatives as well as antibiotics. Supports delinkage.	2014	Proposed	Proposal	-	Mixed	Open	Mixed	Targeted	Antibiotics	International	Jim O'Neill, The Review on AMR. sponsored by the Wellcome Trust and the UK Department of Health. Endorsed by BEAM Alliance	https://amr-review.org/	https://amr-review.org/sites/default/files/160525_Final%20paper_with%20cover.pdf
GUARD	Proposal for the creation of a Global Union for Antibiotics Research and Development (GUARD) which would administer a Global Research Fund and a Global Development Fund, each of \$200 million; and a Global Launch Reward of \$1 billion per commercialized product.	2017	Proposed	Proposal	-	Mixed	Closed	Mixed	Targeted	Antibiotics	International	written by The Boston Consulting Group (BCG) for the German Federal Ministry of Health in follow up to a 2015 report. There is some discussion of this surrounding the G20.	-	https://www.bundesgesundheitsministerium.de/fileadmin/Dateien/5_Publikationen/Gesundheit/Berichte/GUARD_Follow_Up_Report_Full_Report_final.pdf
Australian All you can Treat Hep C contract	A volume-based pricing agreement to treat 62,000 people at a cost of AUS\$1 billion over five years.	2015	Operational	Proposal	-	Mixed	Closed	Pull	Targeted	Hep C	Australia	Australian government	http://www.aidsmap.com/Australia-shows-an-alternative-to-rationing-hepatitis-C-treatment/page/3061523	http://www.eatg.org/wp-content/uploads/2016/10/Glasgow_AndrewHill_Oct23SHOW.pdf
AIFM - Antibiotic Innovation Funding Mechanism	A fund awarding grants and various prizes, combined with a tax on antibiotic use.	2013	Proposed	Proposal	-	Mixed	Open	Mixed	Targeted	Antibiotics	-	Love presented to the WHO.	https://www.keionline.org/amr/aifm	http://www.who.int/phi/implementation/7_summary_EN.pdf
GHIF - Global Health Investment Fund	A \$108 million social impact investment fund designed to provide financing to advance the development of drugs, vaccines, diagnostics and other interventions against diseases that disproportionately burden low- and middle-income countries	2013	Operational	Proposal	-	Monopoly patents	Closed	Push	Targeted	NDs	International	JPMorgan Chase & Co. and the Bill & Melinda Gates Foundation	http://www.ghif.com/	-
Antibiotics as Public Goods	Milestone monetary prizes for early-stage antibiotic	2014	Proposed	Proposal	-	Prizes	Open	Pull	Targeted	Antibiotics	International	submitted to the WHO	-	http://www.who.int/phi/implementation/establishing_drug_discovery_platform_antibiotics_public_goods.pdf

Title	Description	Start date	Status of project	Proposal type	Superseded by	Research (funding and structure)	Open or closed	Push or pull	Target area	Disease	Region	Key people/ organisations	Website	Links to key documents
	discovery, nonexclusive licensing for promising antibiotics, and an open source platform to share intellectual property, data, and clinical results													
TB Prize Fund	A proposal to the WHO for a prize system for TB, incorporating product prizes, technical challenge prizes and best contribution prizes	2009	Proposed	Proposal	-	Prizes	Open	Pull	Targeted	TB	International	Barbados, Bolivia, WHO,	-	https://www.keionline.org/misc-docs/b_b_igwg/prop1_tb_prize.pdf
Donor Prize Fund	An optional innovation prize fund, funded by a percentage of donor outlays on drugs for HIV/AIDS and perhaps other diseases, where the prize is linked to the licensing of patents and other intellectual property to generic suppliers	2009	Proposed	Proposal	-	Prizes	Open	Pull	Comprehensive	-	International	Bangladesh, Barbados, Bolivia and Suriname, EWG, WHO	-	http://www.who.int/phi/news/phi_2_kei_prizes_cewg_22june2011_en.pdf https://www.wcl.american.edu/pijip/go/innovation-litsurvey
Chatham House Report	A report proposing the creation of a global secretariat to coordinate domestic expenditure and perhaps create a pooled fund. Advocated the delinkage of R&D costs and sales volume and delinked payments to qualifying products. Critical of market exclusivity as an incentive.	2015	Proposed	Proposal	-	Remuneration rights	Open	Pull	Targeted	Antibiotics	International	Chatham House	-	https://www.chathamhouse.org/publication/towards-new-global-business-model-antibiotics-delinking-revenues-sales
PDP+ Fund	A fund allocated to R&D into neglected diseases, which awards remuneration to innovators on condition of process measures.	2010	Proposed	Proposal	-	Remuneration rights	Open	Pull	Targeted	-	International	Novartis, George Institute, IAVI, Wong, Moran, Herrling	https://sciencespeaks.wordpress.com/2010/05/17/the-pdp-fund-accelerating-rd-in-new-products-for-diseases-of-poverty/?utm_source=feedburner&utm_medium=email&utm_campaign=Feed:+ScienceSpeaksHivTbNews+%28Science+Speaks:+HIV+%26+TB+News%29&utm_content=Yahool+Mail	-
Meningitis Vaccine Project	A PDP to develop a meningitis vaccine,	2001	Completed	Proposal	-	Grants	Closed	Push	Targeted	Meningitis	Africa	WHO and PATH	http://www.meningvax.org/	-
Human Hookworm Vaccine Initiative	A PDP to develop a hookworm vaccine.	2000	Completed	Proposal	-	Grants	Closed	Push	Targeted	Hookworm	International	Sabin, Texas Children's Hospital Center for Vaccine Development at Baylor College of Medicine in Houston, Texas	http://www.sabin.org/programs/hookworm	-
2004 agreement between the International Partnership for Microbicides and Tibotec Pharmaceuticals, a Belgian subsidiary of pharmaceutical company Johnson & Johnson, to develop a microbicide to protect women from infection with HIV	An agreement to develop a microbicide to protect women from HIV infection.	2004	Completed	Proposal	-	Grants	Closed	Push	Targeted	HIV	Africa	IPM, Tibotec Pharmaceuticals Ltd., a subsidiary of Johnson & Johnson	-	http://www.ipmglobal.org/sites/default/files/FINAL%20English%20Annual%20Report%20-%20low%20res.pdf
CD4 Initiative	An initiative to develop an easy to use point-of-care test	2005	Completed	Proposal	-	Grants	Closed	Push	Targeted	HIV	International	Imperial College London, Gates	http://www3.imperial.ac.uk/newsandeventspggrp/imperialcollege/newssummary/news_17-2-2009-8-47-9	-
Global Fund to Fight AIDS, TB and Malaria	A partnership which mobilises and invests nearly \$4bn annually in	2002	Operational	Proposal	-	Grants	Closed	Push	Targeted	AIDS, TB and Malaria	International	WHO	https://www.theglobalfund.org/en/	-

Title	Description	Start date	Status of project	Proposal type	Superseded by	Research (funding and structure)	Open or closed	Push or pull	Target area	Disease	Region	Key people/ organisations	Website	Links to key documents
	AIDS, TB and malaria.													
Medical Research Future Fund (MRFF)	A \$7bn investment fund set up by the Australian government using savings from the health department which funds medical R&D.	2015	Operational	Proposal	-	Grants	Closed	Push	Comprehensive	-	Australia	Australian government,	http://researchaustralia.org/reports/mrff-research-australia-perspective/ https://www.legislation.gov.au/Details/C2016C00406	-
CEPI - Coalition for Epidemic Preparedness Innovation	A fund for the creation of vaccines for potential epidemic diseases.	2017	Operational	Proposal	-	Grants	Closed	Push	Targeted	Epidemics	International	Germany, Japan and Norway, plus the Bill&Melinda Gates Foundation and the Wellcome Trust. In addition the European Commission	http://cepi.net/	http://cepi.net/sites/default/files/CEPI_2pager_27_Apr_17.pdf
Drugs for Neglected Diseases Initiative	An R&D institution which also invests in capacity building and campaigns for delinkage	2003	Operational	Organisation	-	Grants	Open	Push	Targeted	NDS	International	the Oswaldo Cruz Foundation from Brazil, the Indian Council for Medical Research, the Kenya Medical Research Institute, the Ministry of Health of Malaysia and France's Pasteur Institute; one humanitarian organisation, Médecins sans Frontières (MSF, cofounder); and one international research organisation, the UNDP / World Bank / WHO's Special Programme for Research and Training in Tropical Diseases (TDR)	https://www.dndi.org/	http://www.who.int/phi/implementation/GlobalAntibioticRD_Facility_13Nov2015_MeetingReport.pdf?ua=1
GARDP - Global Antibiotic Research and Development Partnership	An initiative to fund the development of antibiotics in cases where there is resistance or inadequate treatment.	2016	Operational	Organisation	-	Grants	Closed	Push	Targeted	Antibiotics	International	WHO, DNDI	https://www.gardp.org/	-
CARB - national action plan for combating antibiotic resistant bacteria	An action plan including among other things the creation of a biopharmaceutical incubator to stimulate innovation, the creation of a shared database on AMR, and the funding of antibiotic development.	2015	Operational	Strategy	-	Grants	Closed	Push	Targeted	Antibiotics	US	Obama administration, interagency Task Force for Combating Antibiotic-Resistant Bacteria; written in response to the PCAST report	https://obamawhitehouse.archives.gov/the-press-office/2015/03/27/fact-sheet-obama-administration-releases-national-action-plan-combat-ant	https://www.cdc.gov/drugresistance/pdf/national_action_plan_for_combating_antibiotic-resistant_bacteria.pdf
Biomedical Advanced Research and Development Authority (BARDA)'s Broad Spectrum Antimicrobials (BSA) programme	A body creating PDPs, and providing grants and technical support for the development of antibiotics.	2010	Operational	Organisation	-	Grants	Closed	Push	Targeted	Antibiotics	US	BARDA, BSA	https://www.phe.gov/ASPRBlog/Lists/Posts/Post.aspx?ID=97	http://www.who.int/phi/implementation/7_infobrief_brada_partnering_model_innovative_models_enhance_antibiotic_development.pdf?ua=1
Lygature	A PDP.	2016	Operational	Organisation	-	Grants	Closed	Push	Comprehensive	-	International	Netherlands	http://lygature.org/	-
EVI - European Vaccine Initiative	A PDP focused on vaccines.	2011	Operational	Organisation	-	Grants	Closed	Push	Targeted	-	International	University of Stockholm, Heidelberg	http://www.euvaccine.eu/	-
FIND - Foundation for Innovative New Diagnostics	A PDP working on the development and delivery of diagnostic tests for poverty-related diseases.	2003	Operational	Organisation	-	Grants	Closed	Push	Targeted	Diagnostics for NDS	International	WHO	https://www.finddx.org/	-
IAVI - International AIDS Vaccine Initiative	A PDP working on AIDs.	1996	Operational	Proposal	-	Grants	Closed	Push	Targeted	AIDs	International	Rockefeller	https://www.iavi.org/	-
IDRI - Infectious Disease Research Institute	A PDP focused on infectious diseases.	1993	Operational	Organisation	-	Grants	Closed	Push	Targeted	Infectious diseases	International	Bill & Melinda Gates Foundation National Institutes of Health Eli Lilly & Co. Paul G. Allen Family Foundation Wellcome Trust	http://www.idri.org/	-

Title	Description	Start date	Status of project	Proposal type	Superseded by	Research (funding and structure)	Open or closed	Push or pull	Target area	Disease	Region	Key people/ organisations	Website	Links to key documents
												M.J. Murdock Charitable Trust GlaxoSmithKline American Leprosy Missions World Health Organization BARDA/DARPA		
International Partnership for Microbicides	A PDP focused on HIV.	2002	Operational	Organisation	-	Grants	Closed	Push	Targeted	HIV	International	-	https://www.ipmglobal.org/	-
IVCC	A PDP focused on insect borne diseases.	2005	Operational	Organisation	-	Grants	Closed	Push	Targeted	Insect borne diseases	International	Gates, Sweden, UK, UNITAID, USAID, Wellcome	http://www.ivcc.com/	-
Malaria Vaccine Initiative	A PDP for malaria vaccines which is part of PATH.	1999	Operational	Proposal	-	Grants	Closed	Push	Targeted	Malaria	International	PATH, Gates	http://www.malariavaccine.org/	-
MMV - Medicines for Malaria Venture	A PDP for developing antimalarial drugs.	1999	Operational	Organisation	-	Grants	Closed	Push	Targeted	Malaria	International	Switzerland, DFID, World Bank, Rockefeller, Netherlands	https://www.mmv.org/	-
TB Alliance	A PDP working on TB.	2000	Operational	Organisation	-	Grants	Closed	Push	Targeted	TB	International	Gates, Australia, Ireland, Germany, UK, US, GHIT, Indonesia, NIAID, Netherlands, UNITAID, FDA	https://www.tballiance.org/	-
TBVI - TB Vaccine Initiative	A PDP focusing on TB vaccines.	2008	Operational	Proposal	-	Grants	Closed	Push	Targeted	TB	International	European Commission, DFID, Norway, Biofabri, Australia, South Korea, Switzerland	http://www.tbvi.eu/	-
GDAC - Global Dengue & Aedes-Transmitted Diseases Consortium	A consortium committed to the prevention of dengue which provides scientific forums and policy advice	2016	Operational	Organisation	-	Grants	Closed	Push	Targeted	Dengue	International	Partnership for Dengue Control (PDC), the International Vaccine Institute (IVI), the International Vaccine Access Center (IVAC) at the Johns Hopkins Bloomberg School of Public Health and the Sabin Vaccine Institute, WHO	http://preventdengue.org/	-
IVI - International Vaccine Institute	A non-profit which conducts research, partnerships and capacity building in the field of infectious diseases of the poor.	1997	Operational	Organisation	-	Grants	Closed	Push	Targeted	Infectious diseases of the poor	International	UNDP	http://www.ivi.int/	-
WHO's Tropical Disease Research	A programme of scientific collaboration focused on diseases of poverty.	1974	Operational	Organisation	-	Grants	Closed	Push	Targeted	Tropical disease	International	WHO, UNICEF, UNDP, World Bank	http://www.who.int/tdr/en/	-
Aeras Global TB Vaccine Foundation	A non-profit which funds and runs trials and research with the aim of creating TB vaccines.	2005	Operational	Organisation	-	Grants	Closed	Push	Targeted	TB	Africa and Asia	Gates Foundation, European governments, US National Institute of Allergy and Infectious Diseases and National Institutes of Health, the Global Health Innovative Technology Fund	http://www.aeras.org/	-
ANDI	A network supporting R&D in Africa through funding and capacity building.	2008	Operational	Organisation	-	Grants	Closed	Push	Comprehensive	-	Africa	-	http://www.andi-africa.org/index.php	-
Pandemic Influenza Preparedness Framework	A global framework adopted at the WHO to share information and viruses and to commit industry to contribute to a fund.	2011	Operational	Proposal	-	Grants	Closed	Push	Targeted	Influenza	International	WHO	http://www.who.int/influenza/pip/en/	http://www.who.int/influenza/pip/WHO_PIP_brochure.pdf?ua=1
PATH	A non-profit which creates partnerships in the areas of vaccines, drugs, diagnostics, devices, and system and service innovations.	1977	Operational	Organisation	-	Grants	Closed	Push	Comprehensive	Diagnostics	International	WHO, UNICEF, UNFPA	http://www.path.org/about/index.php	-

Title	Description	Start date	Status of project	Proposal type	Superseded by	Research (funding and structure)	Open or closed	Push or pull	Target area	Disease	Region	Key people/ organisations	Website	Links to key documents
Global Vaccine Development Fund	A proposal to create a \$2bn fund via government donations and tax incentives to fund vaccine development.	2015	Proposed	Proposal	-	Grants	Closed	Push	Targeted	Vaccines	International	Plotkin, Farrar, Adel	-	Plotkin, Stanley A., Adel A. F. Mahmoud, and Jeremy Farrar. "Establishing a Global Vaccine-Development Fund." The New England Journal of Medicine 373, no. 4 (2015): 297-300. doi:10.1056/NEJMp1506820.
Building a Diagnostic Innovation Platform to Address Antibiotic Resistance (Dx Platform)	A proposal to use upfront public funding in exchange for an end-product diagnostic test for antibiotic resistance priced close to marginal cost	2013	Proposed	Proposal	-	Grants	Open	Push	Targeted	Antibiotics	International	proposal to the WHO submitted by ReAct and Program on Global Health and Technology Access	-	http://www.who.int/phi/implementation/15.PDF
Insurance premiums	The government or individuals pay insurance premiums into a pot which is then spent on antibiotic R&D and conservation.	2015	Proposed	Proposal	-	Grants	Closed	Push	Targeted	Antibiotics	-	Allianz, Chatham House, Ella Jaczynska, Kevin Utterson, Jorge Mestre-Ferrandiz	-	http://drive-ab.eu/wp-content/uploads/2014/09/Business-Model-Options-for-Antibiotics-learning-from-other-industries.pdf
PDP-FF - Product Development Partnership-Financing Facility	Donor-backed bond financing of PDPs	2008	Proposed	Proposal	-	Grants	Closed	Push	Comprehensive	-	International	IAVI, KEI, James Love, WHO, Aeras	-	https://www.google.co.uk/url?sa=t&rct=j&q=&esrc=s&source=web&cd=3&cad=rja&uact=8&ved=0ahUKEwiP6fOap_TUAhWNzRoKHQcMAXQFggvMAI&url=http%3A%2F%2Fkonline.org%2Fsites%2Fdefault%2Ffiles%2FDPDFFF_concept_note_dec_2009.doc&usq=AFQjCNHOMomBvC1QAL_SvRtW3EVsYgrQhQ
DVI - Dengue Vaccine Initiative	An initiative which conducted research and policy work to promote the development of a dengue vaccine.	2011	Superseded	Proposal	GDAC	Grants	Closed	Push	Targeted	Dengue	International	WHO, SABIN, IVAC, IVI	http://www.denguevaccine.org/	-
PdVI - Pediatric Dengue Vaccine Initiative	An initiative which conducted research and policy work to promote the development of a dengue vaccine for children.	2001	Superseded	Proposal	GDAC	Grants	Closed	Push	Targeted	Dengue	International	Gates, IVI	-	-
TI Pharma	A PDP which in 2016 merged with CTMM to become Lygature.	2006	Superseded	Organisation	Lygature	Grants	Closed	Push	Comprehensive	-	International	Netherlands	http://www.tipharma.com/home	-
iOWH - Institute for One World Health	A non-profit drug development organisation which is now part of PATH.	2000	Superseded	Organisation	PATH	Grants	Closed	Push	Targeted	-	International	PATH	-	-
PCAST Working Group	Proposed 'doubling the current investment from \$450 million to \$900 million' and spending it in part through direct grant and an antibiotic incentive fund (AMCs and milestone prizes) and Global Challenge Inducement Prizes for the development of rapid, inexpensive, and clinically relevant diagnostics	2014	Proposed	Proposal	CARB	Mixed	Closed	Mixed	Targeted	Antibiotics	International	Obama administration, PCAST working group	-	https://obamawhitehouse.archives.gov/sites/default/files/microsites/ostp/PCAST/pcast_carb_report_sept2014.pdf
EU Plan 2011-2015	An action plan including the fast tracking of antibiotics.	2011	Completed	Strategy	One Health Action Plan	Monopoly patents	Closed	Pull	Targeted	Antibiotics	International	European Commission	-	http://ec.europa.eu/dgs/health_food-safety/docs/communication_amr_2011_748_en.pdf
Limited Population Antibacterial Drug (LPAD) approval	a streamlined clinical trial process for novel antibiotics that allows the drug's safety and efficacy to be studied based on substantially smaller, faster, and less expensive trials	2012	Operational	Proposal	-	Monopoly patents	Closed	Pull	Targeted	Antibiotics	US	IDSA	http://www.contagionlive.com/publications/contagion/2017/may2017/implications-of-the-21st-century-cures-act-on-antibiotic-drug-development	https://www.idsociety.org/uploadedFiles/IDSA/News_and_Publications/IDSA_News_Releases/2012/LPAD%20FAQs.pdf
International Financing Facility for Immunization (IFFIm)	A fund which raises money by selling vaccine bonds backed by donor commitments on the capital market,	2006	Operational	Proposal	-	Monopoly patents	Closed	Push	Targeted	-	International	GAVI	http://www.iffim.org/About/Overview/	-

Title	Description	Start date	Status of project	Proposal type	Superseded by	Research (funding and structure)	Open or closed	Push or pull	Target area	Disease	Region	Key people/ organisations	Website	Links to key documents
	and then gives the money to GAVI, the vaccine alliance.													
SAR - Strategic Antibiotic Reserve	a single or group of governments buy or license the patent for an important first-in-class antibiotic to keep the drug from being marketed	2009	Proposed	Proposal	-	Monopoly patents	Closed	-	Targeted	Antibiotics	US	Otterson	-	Improving antibiotic markets for long-term sustainability. The legal ecology of resistance: the role of antibiotic resistance in pharmaceutical innovation.
Essential Patent Pool for AIDS	A proposal to create a patent pool for AIDS drugs.	2005	Proposed	Proposal	Believe superseded by medicines patent pool (not formally but in its essence)	Monopoly patents	Open	Pull	Targeted	AIDs	International	Essential Inventions, James Love	http://www.bioendeavor.net/BDDirectory_2658.asp?itemId=10839&countryCode=CA	-
COV - Call Options for Vaccines	A system where the purchaser buys the option to purchase a set number of pharmaceuticals at a date in the future at a discounted rate.	2006	Proposed	Proposal	OMA	Monopoly patents	Closed	Mixed	Either	-	-	Mossialos		Applying the concepts of financial options to stimulate vaccine development.
Standard essential patents	Proposes the use of 'standard essential patents' (used in the telecom sector and also in environment technologies) to allow for mandatory licensing. Any patents which are deemed essential to fulfilling the protocol for a particular disease will be available for use by WHO approved manufacturers, who pay the patent-holder a royalty.	2016	Proposed	Proposal	-	Monopoly patents	-	Pull	Comprehensive	-	Developing countries	High level panel on acces to medicines, Chandni Raina, Centre for WTO Studies at the Indian Institute for Foreign Trade	-	http://www.unsgaccessmeds.org/inbox/2016/2/22/contributionchandni-rainaon-behalf-of-the-centre-for-wto-studies
Automatic License System (ALS)	An Automatic License System as a TRIPS extension which would allow developing countries to automatically license patents relating to prescription drugs.	2016	Proposed	Proposal	-	Monopoly patents	-	Pull	Comprehensive	-	Developing countries	High level panel on acces to medicines, Mariano Genovesi, ALIFAR - ASOCIACIÓN LATINOAMERICANA DE INDUSTRIAS FARMACÉUTICAS	-	http://www.unsgaccessmeds.org/inbox/2016/3/8/mariano-genovesi
Magistral production	A pilot scheme in Utrecht where hospital pharmacies produce personalised prescriptions locally, thus circumventing patent law and saving costs. Funded by insurance companies.	2017	Operational	Proposal	-	Monopoly patents	Closed	Push	Targeted	Biologics	Netherlands	Huub Schellekens	-	Schellekens, Huub, Mohammed Aldosari, Herre Talsma, and Enrico Mastrobattista. "Making Individualized Drugs a Reality." Nature Biotechnology advance online publication (2017). doi:10.1038/nbt.3888.
The Pool for Open Innovation against Neglected Tropical Diseases	An information and patent pool focusing on drugs for NTDs, which then formed the basis of WIPO's Re:Search	2009	Superseded	Proposal	WIPO Re:Search	Monopoly patents	Open	Pull	Targeted	NTDs	International	BIO Ventures for Global Health, GSK, Alnylam Pharmaceuticals	http://www.bioendeavor.net/BDDirectory_2658.asp?itemId=10839&countryCode=CA	-
Australian Democrats Prize Proposal	An optional, international public good patent scheme, where innovators are rewarded from a fund in relation to health impact.	2007	Proposed	Proposal	-	Remuneration rights	Open	Pull	Comprehensive	-	International	Australian Democrats Party	-	https://www.keionline.org/misc-docs/research_notes/kei_rn_2008_1.pdf