

ARV-Based and Multipurpose Prevention Technology R&D Pipeline

The pipeline of non-vaccine HIV prevention products includes oral pills, vaginal rings, vaginal and rectal gels, vaginal films, long-acting injectable antiretrovirals, and more. Also pictured are the range of multipurpose prevention technologies in development that aim to reduce the risk of HIV and STIs and/or provide effective contraception for women.

PRE-CLINICAL				PHASE I		PHASE II		PHASE III		IMPLEMENTATION		Delivery System		Active Drug				
	TAF	CONRAD		MAVR TNFV	Nigerian Institute for Medical Research		FTC/ TAF	Gilead Event-driven		MK85	Merck 1-monthly		TDF/ FTC	Gilead Daily		Enema	5P12	5P12-RANTES
	CAB	CONRAD		CAB	PATH/ Queens Belfast University		TNFV	Johns Hopkins					FTC/ TAF	Gilead Daily		Intramuscular injection	CAB	Cabotegravir
	CAB	CONRAD		DS03	Queen's Belfast University								CAB	ViiV-GSK 2-monthly		Implant	COP	Copper
	TNFV	Gilead		CAB	University of North Carolina								LEN	Gilead 6-monthly		Micro-array patch	DPVR	Dapivirine
	F/TAF	Houston Methodist		5P12	Mintaka	BIOEQUIVALENCE							DPVR	Pop Council 1-monthly		Non-specific mucosal insert	FTC/TAF	Descovy
	MAVR	ViiV/ Pfizer		TAF	RTI		CAB	ViiV-GSK 4-monthly		LEN	Gilead 12-monthly						DS03	DS003 (BMS793)
	DPVR	University of Pittsburgh					DPVR	Pop Council 3-monthly									ELVG	Elvitegravir
Multipurpose Prevention Technologies (MPTs)																		
	F/TDF MAB	Oak Crest/ University of North Carolina		DPVR PRTV LVGR	University of North Carolina		TAF ELVG	CONRAD		DPVR LVGR	Pop Council					Oral pills	MAVR	Maraviroc
	COP ZINC LAC	POP Council/ QU Belfast/ WC Medical College		DPVR METD	Queen's University Belfast		PPCM	Yaso Therapeutics								Subcutaneous injection	METD	Metronidazole
	ETGS QGRF ETED	Pop Council/Oak Crest Institute of Science		DPVR COP ZINC	Queen's University Belfast				BIOEQUIVALENCE							Vaginal film	ORAC	Organic acids
	F/TDF MAB	UMass and Planet Biotechnology/ Oak Crest/ MassBiologics		ETGS ISL ETED	University of North Carolina					F/TDF ETED LVGR	Viatrix						PRTV	Pritelivir
	CAB LVGR	CONRAD/ Eastern Virginia Medical School		ETGS EFDA	UW, Methodist Hospital Research (HMRI)											Vaginal gel	QGRF	Q-Griffithsin
	MPA RPVR	Queen's University Belfast		TBD	University of North Carolina											Vaginal insert	RPVR	Rilpivirine
	QGRF ORAC	Pop Council														Vaginal ring	TBD	To be determined

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