AVAC
Global Advocacy for HIV Prevention

The Future of ARV-Based Prevention and More *(June 2021)*

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. (Visit *www.avac.org/hvad* for vaccine and broadly neutralizing antibody pipelines.)

PRE-CLINICAL

- ViiV
- ViiV/Pfizer
- Mintaka
- Rockefeller University
- Gilead
- RTI
- CONRAD
- CONRAD
- CONRAD
- CONRAD
- Houston Methodist
- PATH/ Queens University Belfast
- Nigerian Institute for Medical Research
- Queen's University Belfast

PHASE I

- Johns Hopkins
- Orion
- IPM
- Merck
- Oak Crest /CAPRISA
- University of Pittsburgh
- University of Pittsburgh

PHASE II

- IPM *3-monthly*

PHASE III/IIIb/IV

- IPM *1-monthly*
- GSK/ViiV *2-monthly*
- Merck *1-monthly*
- Gilead *6-monthly*
- Gilead *Daily*

Multipurpose Prevention Technologies (MPTs)

PRE-CLINICAL

- Auritec
- CONRAD
- PATH/Pop Council/ Kessel
- CONRAD
- RTI
- Pop Council
- PATH/Queens University Belfast
- University of North Carolina
- Pop Council and Evofem Biosciences
- University of North Carolina
- University of North Carolina
- UMass and Planet Biotechnology and Oak Crest and MassBiologics
- Oak Crest and University of North Carolina

PHASE I

- IPM

PHASE III/IIIb/IV

- Pop Council and Mylan

The components of this dual pill are approved but the drug combination is not, hence, it does not follow the traditional phase 1-3 R&D pathway.

DELIVERY SYSTEM

- Oral pills
- Vaginal gel
- Vaginal ring
- Vaginal film
- Enema
- Vaginal insert
- Non-specific mucosal insert
- Intramuscular injection
- Micro-array patch
- Subcutaneous injection
- Diaphragm
- Implant

ACTIVE DRUG

- AZ — Acyclovir-Zovirax
- APR — Amphora
- bNABs — Broadly neutralizing antibody
- CAB — Cabotegravir/ GSK 744
- DAP — Dapivirine
- DDBI — Different drugs being investigated
- DOL — Dolutegravir
- DS 003 — DS003 (BMS793)
- EVG — Elvitegravir
- Ee — Ethinylestradiol
- Eto — Etonogestrel
- GRF — Griffithsin
- ISL — Islatravir
- LEN — Lenacapavir
- Levo — Levonorgestrel
- MVA — Maraviroc
- MK-2048 — MK-2048
- MAb — Monoclonal antibody
- 002H — OB-002H
- 1005 — PC-1005
- Pri — Pritelivir
- PR — Progestin
- TFV — Tenofovir
- TAF — Tenofovir Alafenamide
- TAF/ FTC — Tenofovir alafenamide/ emtricitabine
- TDF/ FTC — Tenofovir disoproxil fumarate/ emtricitabine
- TDF/ MVA — Tenofovir/ Maraviroc
- 5P12 — 5P12-RANTES