

The Preclinical MPT Pipeline by Indication Combination

Product Name	Delivery Method	Product Developer	Stage of Development	Indications
HIV & Pregnancy				
Cabotegravir Pellet Implant with Levonorgestrel	Implant	CONRAD	Pre-formulation	HIV, Pregnancy
Cabotegravir/Levonorgestrel Long-Acting MPT Injectable	Injectable	CONRAD	Advanced Preclinical	HIV, Pregnancy
Dapivirine/Levonorgestrel Extended-Release Monthly Film	Vaginal Film	Magee-Women's Research Inst. & Fndn., University of Pittsburgh	Early Preclinical	HIV, Pregnancy
Dual Prevention Pill (DPP) Regimen	Oral Tablet	Population Council, Medicines360	Early Preclinical	HIV, Pregnancy
EFdA-P + Progestin Intravaginal Film	Vaginal Film	Magee-Women's Research Inst. & Fndn., University of Pittsburgh	Early Preclinical	HIV, Pregnancy
Human Contraceptive Antibody (HCA) + VRC01 + N6 IVR	Intravaginal Ring (IVR)	MUCCOMMUNE LLC	Advanced Preclinical	HIV, Pregnancy
Islatravir (EFdA) + Etonogestrel/Ethinyl Estradiol 3D Printed IVR	Intravaginal Ring (IVR)	University of North Carolina, Chapel Hill	Early Preclinical	HIV, Pregnancy
Long-acting refillable nanofluidic implant (NanoMPI)- SC	Implant	University of Washington Methodist Hospital Research Institute (HMRI)	Early Preclinical	HIV, Pregnancy
90-day Pod-type Etonogestrel/Ethinyl Estradiol/QGriffithsin (EEQ) IVR	Intravaginal Ring (IVR)	Population Council, Oak Crest Institute of Science	Early Preclinical	HIV, Pregnancy
Novel mAb contraceptive + Tenofovir Disoproxil Fumarate (TDF) IVR	Intravaginal Ring (IVR)	Oak Crest Institute of Science, Univ. of North Carolina, Chapel Hill	Early Preclinical	HIV, Pregnancy
Ultra-Long-Acting MPT In-situ Forming Implant (ISFI)	Injectable In-situ Forming Implant	University of North Carolina, Chapel Hill	Early Preclinical	HIV, Pregnancy
HIV & Other STIs				
Griffithsin (GRFT) Fast-Dissolving Insert (FDI)	Vaginal Insert	Population Council	Pre-formulation	HIV, HSV-2, HPV
mAb 2C7 + TDF IVR	Intravaginal Ring (IVR)	MassBiologics, Oak Crest Institute of Science, Planet Biotechnology, Inc., University of Massachusetts	Advanced Preclinical	HIV, Gonorrhea
Tenofovir (TFV)/Efavirenz (EFV) Nanoparticles-in-film	Vaginal Film	Inst. For Research & Innovation in Health (i3S), University of Porto	Advanced Preclinical	HIV, HSV-1, HSV-2
Pregnancy, HIV, & Other STIs				
Dapivirine + Pritelivir + Levonorgestrel 3D Printed IVR	Intravaginal Ring (IVR)	University of North Carolina, Chapel Hill	Early Preclinical	HIV, Pregnancy, HSV-2
Non-ARV/Non-Hormonal Multi-Purpose Vaginal Ring	Intravaginal Ring (IVR)	Oak Crest Institute of Science	Early Preclinical	HIV, Pregnancy, HSV-1, HSV-2, HPV

Non-hormonal Contraceptive MPT Containing Q-Griffithsin (QGRFT)	Vaginal Insert	Population Council	Early Preclinical	HIV, Pregnancy, HSV-2, BV, Chlamydia, Gonorrhea
Novel IVR as a Non-Hormonal Contraceptive MPT	Intravaginal Ring (IVR)	Population Council, Queen's University Belfast, Weill Cornell Medical College	Pre-formulation, pre-Phase 1, Non-clinical	HIV, Pregnancy, HSV-2, BV, Chlamydia, Gonorrhea
Yaso-GEL	Vaginal Gel	Yaso Therapeutics	Advanced Preclinical	HIV, Pregnancy, HSV-2, HPV, Gonorrhea
Pregnancy & Non-HIV STIs				
Copper Intravaginal Ring (Cu-IVR)	Intravaginal Ring (IVR)	University of California, Davis	Early Preclinical	Pregnancy, HSV-2, Zika virus

MPTs in Clinical Trials by Indication Combination

Product Name	Delivery Method	Product Developer	Clinical Phase	Indications
HIV & Pregnancy				
Dapivirine + Levonorgestrel IVR	Intravaginal Ring (IVR)	Population Council	Phase 1 Clinical Trial	HIV, Pregnancy
Dual Prevention Pill (DPP)/TELE	Oral Tablet	Viartis	Bioequivalence Clinical Study	HIV, Pregnancy
HIV & Other STIs				
Tenofovir Alafenamide (TAF) / Elvitegravir Topical Insert	Vaginal, Rectal Insert	CONRAD	Phase 1 Clinical Trial	HIV, HSV-2
VivaGel® Vaginal Gel	Vaginal Gel	Starpharma Ltd.	Phase 3 Clinical Trial (US); Registered internationally	HIV, HSV-2, HPV, BV

To learn more about the MPT pipeline, check out the interactive online MPT Product Development Database at MPTs101.org