# The Years Ahead in Biomedical HIV Prevention Research

## Status of select biomedical HIV prevention clinical trials

### Vaginal Ring

**Dapivirine Ring**

**AMP (HTN 704/HPTN 085)**

Randomized controlled trial of the VRCo1 antibody infused every two months; ongoing in 2,700 MSM and transgender men & women in Brazil, Peru, Switzerland, US

**AMP (HTN 703/HPTN 081)**

Randomized controlled trial of the VRCo1 antibody infused every two months; ongoing in 1,900 women in Botswana, Kenya, Malawi, Mozambique, Tanzania, South Africa, Zimbabwe

### Antibody

**VRC01**

**DISCOVER**

Randomized controlled trial of once-daily F/TAF; ongoing in 5,400 MSM & transgender women in Austria, Canada, Denmark, France, Germany, Ireland, Italy, Netherlands, Spain, UK, US

**MK-8591**

Randomized controlled trial of monthly islatravir; ongoing in 250 men and women in Israel, South Africa, US

### Oral PrEP

**PrEP and vaccine**

**HPTN 084**

Randomized controlled trial of injectable cabotegravir every two months; ongoing in 3,200 women in Botswana, Kenya, Malawi, South Africa, Uganda, Zimbabwe

**HPTN 083**

Randomized controlled trial of injectable cabotegravir every two months; ongoing in 4,500 MSM and transgender women in Argentina, Brazil, Peru, South Africa, Thailand, US, Vietnam

**Preventive HIV Vaccine**

**ALVAC/gp120 w/MF59**

Randomized controlled trial of ALVAC/gp120 prime-boost with MF59 adjuvant, six doses over 18 months; 5,400 men and women in South Africa, immunizations halted for non-efficacy; follow-up ongoing

**Ad26/gp140 boost**

Randomized controlled trial of Ad26 prime with gp140 boost; four doses over 12 months; ongoing in 2,600 women in Malawi, Mozambique, South Africa, Zambia, Zimbabwe

**Ad26/clade C gp140 & mosaic gp140 boost**

Randomized controlled trial of Ad26 prime with clade C and mosaic gp140 boost; ongoing in 3,800 MSM and transgender people in Argentina, Brazil, Italy, Mexico, Peru, Poland, Spain, US

**PrEP and vaccine**

Randomized controlled trial of DNA-MVA-env or DNA-env with F/TAF or F/TDF, planned in 1668 participants in Mozambique, South Africa, Tanzania, Uganda