

THE POPULATION COUNCIL'S CENTER FOR BIOMEDICAL RESEARCH: A NONPROFIT PRODUCT-DEVELOPMENT ENTITY

The Population Council's Center for Biomedical Research (CBR) – located at New York's Rockefeller University – is a vibrant hub of scientific investigation and product development. For more than 60 years, research conducted at the CBR laboratories has addressed critical questions in sexual and reproductive health and supported the development of innovative products that help protect the health and well-being of millions of people worldwide.



The Center's researchers pioneered the field of long-acting, reversible contraception (LARCs), developing intrauterine devices (IUDs) such as ParaGard® (the copper-T IUD) and Mirena®; implants such as Norplant® and Jadelle®; and most recently a contraceptive vaginal system known as Annovera®; which have led to dozens of technological descendants. Today, more than 170 million people worldwide are using contraceptive technologies developed at CBR or based on CBR's technologies.

Our Work

The Center's scientists are investigating new approaches to prevent HIV and other sexually transmitted infections (STIs) and developing next-generation contraceptives and novel multi-purpose prevention technologies, or MPTs, which are designed to prevent HIV, other STIs and, in some cases, unintended pregnancy in a single product. Researchers are developing these new tools as sustained release formulations in rings, gels, tablets, fast-dissolving inserts and other innovative delivery systems that are designed to be safer, lower-cost and easier to use.

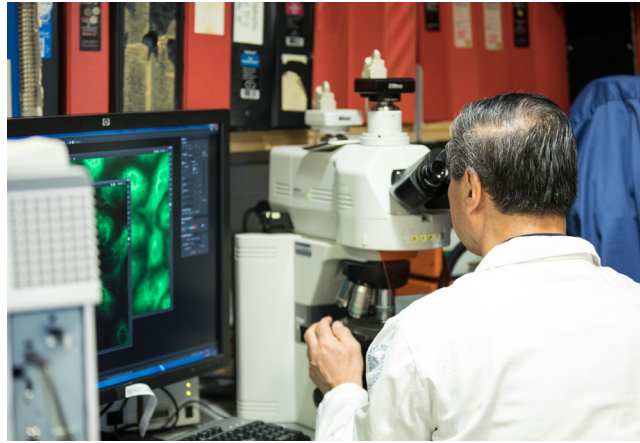
Our Approach

CBR's "bench to bedside" approach is a cornerstone of the Council's time-tested commitment and investment in research and development for health, wellbeing, and choice. Researchers identify unmet health needs, conduct critical basic science research, which leads to product development and pre-clinical and clinical testing, and ultimately to regulatory approval, product introduction and social marketing.

Our Capabilities

The Center's research reflects the Population Council's unique experience and perspective:

- The Council's experience in reproductive health, HIV and other STIs, basic science research, behavioral science, and public health guides the Center's efforts to develop the products that women and men need and will use.
- The biomedical innovations developed at the Center's labs have the potential to expand the options to improve sexual and reproductive health significantly.
- CBR expertise includes basic research that increases knowledge of biological processes; product formulation, in which promising compounds are released from novel delivery systems; and preclinical and clinical testing of products, to establish safety and efficacy.
- The Council has deep experience in regulatory and health systems management, and in product introduction and social marketing, which helps ensure that the advances developed in our labs will be available to the people who need them most.
- The Council has seven FDA-approved products, many patents and hundreds of publications in top scientific peer-reviewed journals.



A Rich Pipeline of Products in Development

The Center for Biomedical Research has a rich pipeline of products in development. Over 20 clinical trials of Council products were conducted from 2010 to 2018 and several new trials are planned in 2019.

PRODUCTS UNDER DEVELOPMENT AT THE POPULATION COUNCIL'S CENTER FOR BIOMEDICAL RESEARCH				
Ulipristal-Copper IUS	Nestorone/estradiol	Nestorone/testosterone gel	Second Generation One Year CVR	Microarray (Microneedle)
				
Modification of popular contraceptive to achieve improved side effect profile	Redesigned contraceptive ring with potential for improved side effect profile	Novel reversible contraceptive gel for men	Updated contraceptive ring with lower manufacturing costs	Discreet multipurpose prevention technology designed to be under the users' control