



Media Release

Ferring Pharmaceuticals to Present New Microbiome Research Data at IDWeek 2020

- *Ferring and Rebiotix, a Ferring Company, will present two oral abstracts describing translational studies of investigational microbiome-based therapeutics RBX2660 and RBX7455 for the treatment of recurrent *Clostridioides difficile* (*C. diff*) infection*
- *These data presentations strengthen the company's leadership and scientific and clinical understanding of the two investigational therapeutics*
- *CDC defines *C. diff* as a significant healthcare and economic burden to patients and physicians, labeling *C. diff* as a public health threat causing an estimated half a million illnesses and thousands of deaths annually in the US alone^{1,2,3}*

Parsippany, New Jersey, and Roseville, Minnesota, USA – October 21, 2020 – Ferring Pharmaceuticals and Rebiotix today announced they will present two oral abstracts describing studies of investigational non-antibiotic microbiome-based therapeutics (RBX2660 and RBX7455) for the treatment of recurrent *Clostridioides difficile* (*C. diff*) infection today at [IDWeek 2020](#). The congress will be taking place virtually from October 21-25, 2020.

"We are excited to present these translational microbiome and metabolome analyses from our clinical research program at IDWeek 2020," said Ken Blount, PhD, Chief Scientific Officer, Rebiotix, a Ferring Company. *"Our goal is to truly understand the interplay of *C. diff*, antimicrobial resistance, and the microbiome in our patients, asking deeper questions that go beyond the clinical outcomes. These studies also highlight our concurrent development of two formulations, reinforcing our commitment to addressing important diseases with microbiome-based therapeutics."*

Recurrent *C. difficile* infection (rCDI) is a serious, sometimes deadly disease that impacts patients across the globe. Often associated with intestinal microbiome disruption, or "dysbiosis," rCDI treatment standard of care is currently antibiotics, which is also a predominant risk factor for recurrence. The investigational microbiome-based formulations, RBX2660 and RBX7455, are in development for the reduction of rCDI. The development program includes the investigation of the influence of dysbiosis on other microbiome-modulated functions, including bile acid (BA) metabolism, which can influence *C. diff* colonization and colonization by antimicrobial resistant pathogens.

The clinical development program for RBX2660 is the most advanced, evaluating the safety and efficacy of a microbiome-based therapy with the highest number of patients enrolled in prospective clinical trials.

The details of the two oral abstract presentations are as follows:

Session: Antimicrobial Insights

Number: 29

Title: Rapid Restoration of Bile Acid Compositions After Treatment with Investigational Microbiota-based Therapeutic RBX2660 for Recurrent *Clostridioides difficile* Infection

Presenting Author: Romeo Papazyan, Scientist, Liver & GI Therapeutic Area, Ferring Pharmaceuticals

Date: Available online starting October 21, 2020

Session: Antimicrobial Insights

Number: 30

Title: Antimicrobial Resistance Genes Are Reduced Following Administration of Investigational Microbiota-based Therapeutic RBX7455 to Individuals with Recurrent *Clostridioides difficile* Infection

Presenting Author: Dana Walsh, PhD, Scientist, Microbiome Analysis, Rebiotix, a Ferring Company

Date: Available online starting October 21, 2020

Instructions for viewing oral abstract presentations are [available here through IDWeek](#).

About *Clostridioides difficile* infection (*C. diff*)

C. diff is a bacterium that causes diarrhea and colitis (an inflammation of the colon).⁴ It is estimated to cause up to half a million illnesses in the US alone every year and is considered an urgent threat to public health by the CDC, and can lead to severe complications, including hospitalization, surgery, sepsis and death.^{1,2} *C. diff* infection may result in a vicious cycle of recurrence, causing a significant burden for patients and the healthcare system.^{5,6} The use of antibiotics has been shown to disrupt the ecology of the gut microbiome, and are a predominant risk factor for *C. diff* recurrence – occurring in up to 35% of patients after initial *C. diff* infection diagnosis.^{7,8} After the first recurrence, it has been estimated that up to 60% of patients may develop a subsequent recurrence.⁹

About Ferring Pharmaceuticals

Ferring Pharmaceuticals is a research-driven, specialty biopharmaceutical group committed to helping people around the world build families and live better lives. In the United States, Ferring is a leader in reproductive medicine and maternal health, and in specialty areas within gastroenterology and orthopaedics.

Ferring is committed to exploring the crucial link between the gut microbiome and human health, beginning with the threat of recurrent *Clostridioides difficile* infections. With the 2018 acquisition of Rebiotix and several other alliances, Ferring is the world leader in microbiome research, developing novel therapies to address significant unmet needs.

For more information, call 1-888-FERRING + (1-888-337-7464); visit <https://www.ferringusa.com/>

About Rebiotix

Rebiotix Inc, part of the Ferring Pharmaceuticals Group, is a late-stage clinical microbiome company focused on harnessing the power of the human microbiome to revolutionize the treatment of challenging diseases. Rebiotix has a diverse pipeline of investigational drug products built on its pioneering microbiota-based [MRT™ drug platform](#). The platform consists of investigational drug technologies designed to potentially rehabilitate the human microbiome by delivering a broad consortium of live microbes into a patient's intestinal tract. For more information on Rebiotix and its pipeline of human microbiome-directed therapies for diverse disease states, visit www.rebiotix.com, or connect with us on [Twitter](#), [Facebook](#), [LinkedIn](#) and [YouTube](#).

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