uBiome Receives Patent for Diagnostics and Therapeutics for Neurological Health Issues

The leader in microbial genomics was granted a patent for the method and system of microbiome-derived analysis of neurological disorders such as anxiety, chronic fatigue, and depression.

SAN FRANCISCO (PRWEB) December 18, 2018 -- uBiome, the leader in microbial genomics, announced the issue of patent number 9,710,606 entitled “Method and System for Microbiome-Derived Diagnostics and Therapeutics for Neurological Health Issues” by the US Patent and Trademark Office on July 18, 2017 with a priority date of October 21, 2014. The patent is an invention by uBiome collaborators Dr. Zachary Apte, Dr. Daniel Almonacid, Dr. Jessica Richman, and Dr. Siavosh Rezvan Behbahani, and expands upon its current intellectual property portfolio.

The patented technology involves characterizing and diagnosing neurological health conditions that produce observed changes in social behavior, motor behavior, and energy levels such as anxiety, chronic fatigue, depression, and stroke, and generating a therapy model by analyzing biological samples from uBiome’s proprietary database.

This issuance will lead to further development in predicting the likelihood of occurrence of neurological health issues in individuals and in designing therapies for these neurological diseases, which may include the modification of the microbiota using prebiotics and probiotics. Together, these potential impacts could improve the treatment and management of neurological disorders in individuals.

“Securing intellectual property is a strong indicator that uBiome is committed to its mission of making the microbiome useful,” Jessica Richman, PhD, co-founder and CEO of uBiome, said. “New therapeutics for neurological conditions, many of which currently have limited treatment options, are part of the value of the microbiome for drug discovery. We are pleased to receive this patent and further expand our patent portfolio.”

For more information about our science and patents, visit www.ubiome.com/science/#patents.

About uBiome

Founded in 2012, uBiome is the leader in microbial genomics. The Company’s mission is to advance the science of the microbiome and make it useful to people. uBiome combines its patented proprietary precision sequencing™ with machine learning and artificial intelligence to develop wellness products, clinical tests, and therapeutic targets. uBiome has filed for over 250 patents on its technology, which includes sample preparation, computational analysis, molecular techniques, as well as diagnostic and therapeutic applications.

uBiome’s commercial products include SmartGut™, the world’s first sequencing-based clinical microbiome test, which identifies microbes in the gut for patients with chronic gut conditions such as IBD, IBS, Crohn’s Disease, and ulcerative colitis; SmartJane™, the first sequencing-based women’s health screening test, which genotypes all 19 clinically relevant strains of HPV, identifies four common STDs, and surveys more than 20 vaginal microbes associated with bacterial vaginosis and other conditions; and Explorer™, a health and wellness product to understand the role that food and lifestyle can play in wellness.

uBiome’s platform has been used by hundreds of thousands of consumers, patients, and doctors and more than
200 research institutions around the world, including the US Centers for Disease Control (CDC), US National Institutes of Health (NIH), Harvard University, Stanford University, the Massachusetts Institute of Technology (MIT), University of California, San Francisco, Oxford University, and the University of Sydney.

Since its launch, the company has received widespread recognition including CNN 10: Startups to Watch, the IVY Technology Award, CNN Future 30, and was named one of Fast Company’s Most Innovative Companies in Healthcare in 2016 and in Data Science in 2018, as well as a Technology Pioneer from the World Economic Forum in 2018. For more information, visit www.uBiome.com.
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