



Biomica, Evogene's Newly Established Subsidiary, Announces Therapeutic Areas of Focus

Biomica leverages proprietary Computational Predictive Biology platform tailored to develop human microbiome therapies for antibiotic resistant bacteria, Immuno-Oncology and GI related disorders

Rehovot, Israel – 01 May, 2018 – Biomica, a subsidiary of Evogene Ltd. (NASDAQ, TASE: EVGN), an emerging biopharmaceutical company developing innovative microbiome-based therapeutics utilizing Evogene's Computational Predictive Biology (CPB) platform, announced today its focus on the development of therapies for antibiotic resistant bacteria, Immuno-Oncology and GI related disorders.

The human gut microbiome is the collection of trillions of micro-organisms that exist in the digestive tract. These microbes play key roles in various functions in human health, including food digestion and protection from diseases. Numerous studies have shown that changes in the microbiome and their interactions with immune and endocrine systems, alongside other systems in the human body, are correlated with a wide array of illnesses, ranging from inflammatory bowel disease (IBD) to cancer¹. The search for microbiome therapies and treatments is a rapidly growing focus for bio-therapeutics research and development, with the potential to reach \$9.9Bn annual sales by 2024².

Biomica leverages a tailored CPB platform tool-set to identify and characterize disease related changes in the human microbiome, and to develop novel therapeutics based on these understandings. Over the past year, significant efforts and investments were made to develop proprietary predictive computational tools and data sets to analyze changes in the gut microbiome related to human health, and to develop novel therapeutics.

Dr. Elran Haber, Biomica's CEO, stated: "I am proud to announce Biomica's therapeutic areas of focus, and we are excited to be at the forefront of this emerging space. Using Evogene's CPB platform, provides a unique competitive edge, allowing big data integration, analysis and prediction in order to discover, optimize and develop

¹ Nature Medicine volume 24, pages 392–400 (2018)

² BCC Research – Human Microbiome-Based Drugs and Diagnostic: Global Markets



new microbiome based therapeutics. I believe that these computational tools will help us reach substantial achievements and build our product pipeline in an expedited manner. We look forward to update you on our progress in the near future.”

Ofer Haviv, Evogene's President and CEO, stated: “Biomica is an excellent example of how we can leverage our unique and broadly applicable CPB platform to a variety of life-sciences. The CPB platform has the ability to process vast amounts of raw biological and chemical data to provide cross interaction predictions, ultimately providing solutions to science’s most difficult challenges, targeting people’s varying needs – from food to health.”

About Computational Predictive Biology (CPB) platform:

The CPB platform was built over the last decade at an investment of tens of millions of dollars. The CPB platform provides predictions and design of product solutions by computationally decoding the biological world, through incorporating deep scientific understandings and cutting-edge computational technology. For more information regarding the CPB platform, please visit Evogene's website at www.evogene.com.

About Biomica:

Biomica was established by Evogene and Prof. Yehuda Ringel in 2017. For Evogene, a leading biotechnology company developing novel products for life science markets, Biomica represents its first activity in the area of human health. Prof. Yehuda Ringel, Biomica’s Chief Scientific Officer, is the Chief Division of Gastroenterology and Hepatology at Meir Medical Center, affiliated with Tel-Aviv University, Israel, and brings years of experience in human microbiome and translational research. Biomica’s Chief Executive Officer, Dr. Elran Haber, joined the company at the beginning of 2018 and is an experienced executive with significant experience in the pharmaceuticals industry. Prior to joining Biomica, Dr. Haber served as CEO Therapix Biosciences (NASDAQ, TASE: TRPX).

About Evogene:

Evogene (NASDAQ, TASE: EVGN) is a leading biotechnology company developing novel products for major life science markets through the use of a unique Computational Predictive Biology (CPB) platform incorporating deep scientific



understandings and advanced computational technologies. This platform is utilized by the Company to discover and develop innovative ag-chemical, ag-biological and ag-seed products (GM and non GM), and by two subsidiaries; Evofuel, focused on castor seeds, and Biomica, focused on human microbiome therapeutics. Through its collaborations with world-leading companies such as BASF, Bayer, DuPont, Monsanto and Syngenta, Evogene has utilized its CPB platform to discover and license thousands of genes, small molecules and microbes to partners under milestone and royalty bearing agreements. For more information, please visit www.evogene.com

This press release contains "forward-looking statements" relating to future events. These statements may be identified by words such as "may", "could", "expects", "intends", "anticipates", "plans", "believes", "scheduled", "estimates" or words of similar meaning. Such statements are based on current expectations, estimates, projections and assumptions, describe opinions about future events, involve certain risks and uncertainties which are difficult to predict and are not guarantees of future performance. Therefore, actual future results, performance or achievements of Evogene may differ materially from what is expressed or implied by such forward-looking statements due to a variety of factors, many of which beyond Evogene's control, including, without limitation, those risk factors contained in Evogene's reports filed with the appropriate securities authority. Evogene disclaims any obligation or commitment to update these forward-looking statements to reflect future events or developments or changes in expectations, estimates, projections and assumptions.

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