ZyVersa Therapeutics Forms New Scientific Advisory Board to Support Development of Inflammasome ASC Inhibitor IC 100 for Obesity with Metabolic Complications

Oct 7, 2024

- New Scientific Advisory Board (SAB) comprised of five leading experts in the areas of obesity and metabolic diseases, and four leading inflammasome experts and inventors of IC 100 from University of Miami Miller School of Medicine who have provided ongoing scientific advisory support for IC 100 since its license.

WESTON, Fla., Oct. 07, 2024 (GLOBE NEWSWIRE) -- ZyVersa Therapeutics, Inc. (Nasdaq: ZVSA, or "ZyVersa"), a clinical stage specialty biopharmaceutical company developing first-in-class drugs for treatment of inflammatory and renal diseases, announces a new SAB to support advancement of Inflammasome ASC Inhibitor IC 100 for obesity with metabolic complications. Based on its mechanism of action, IC 100, in combination with incretin therapy, is anticipated to augment weight loss, but more importantly, to attenuate the chronic systemic inflammation leading to metabolic complications and other inflammatory comorbidities of obesity.

"We are honored to work with such an accomplished and esteemed group of experts," stated Stephen C. Glover, ZyVersa's Co-founder, Chairman, CEO, and President. "Our advisors' combined expertise and insights in the areas of obesity, metabolic diseases, and inflammasomes will be invaluable as we design IC 100's clinical development program for obesity and metabolic complications."

Members of ZyVersa's Obesity, Metabolic and Inflammatory Diseases SAB are listed below. Full biographies are available on ZyVersa's Website.

Caroline M. Apovian, MD, FACP, FTOS, DABOM

- Co-Director, Center for Weight Management and Wellness, Division of Endocrinology, Diabetes, and Hypertension at Brigham and Women's Hospital
- Professor of Medicine, Harvard Medical School

Harold Bays, MD, MFOMA, FTOS, FACC, FACE, FNLA, FASPC

- Medical Director and President, Louisville Metabolic and Atherosclerosis Research Center
- Clinical Associate Professor, Endocrinology, University of Louisville School of Medicine
- Chief Science Officer of the Obesity Medicine Association

Helen Bramlett, PhD

- Professor, Department of Neurological Surgery, University of Miami Miller School of Medicine
- The Miami Project to Cure Paralysis, University of Miami Miller School of Medicine

Marc-Andre Cornier, MD

- Professor of Medicine, Medical University of South Carolina
- Director, Division of Endocrinology, Diabetes and Metabolic Diseases, Medical University of South Carolina

Juan Pablo de Rivero Vaccari, PhD

- Associate Professor, Department of Neurological Surgery, University of Miami Miller School of Medicine
- The Miami Project to Cure Paralysis, University of Miami Miller School of Medicine
- Distinguished Faculty Member, the Center for Cognitive Neuroscience and Aging, University of Miami Miller School of Medicine

W. Dalton Dietrich, III, PhD

- Kinetic Concepts Distinguished Chair in Neurosurgery, and Scientific Director,
- The Miami Project to Cure Paralysis, University of Miami Miller School of Medicine
- Senior Associate Dean for Discovery Science and Co-Director, the Institute for Neural Engineering, University of Miami Miller School of Medicine
- Professor, Neurological Surgery, Neurology, Biomedical Engineering, and Cell Biology, University of Miami Miller School of

Medicine

Robert W. Keane, PhD

- Professor, Physiology and Biophysics, Neurological Surgery and Microbiology, and Immunology, University of Miami Miller School of Medicine
- The Miami Project to Cure Paralysis. University of Miami Miller School of Medicine

Samuel Klein, MD

- William H. Danforth Professor of Medicine, Washington University School of Medicine
- Director, Center for Human Nutrition, Washington University School of Medicine
- Chief, Division of Nutritional Science and Obesity Medicine, Washington University School of Medicine

Suneil Koliwad, MD, PhD

- Chief, Division of Endocrinology and Metabolism, UCSF Health
- Gerold Grodsky Professor of Diabetes Research, UCSF
- Mount Zion Health Fund Distinguished Professor of Endocrinology, UCSF

About Inflammasome ASC Inhibitor IC 100

IC 100 is a novel humanized IgG4 monoclonal antibody that inhibits the inflammasome adaptor protein ASC. IC 100 was designed to attenuate both initiation and perpetuation of the inflammatory response. It does so by binding to a specific region of the ASC component of multiple types of inflammasomes, including NLRP1, NLRP2, NLRP3, NLRC4, AIM2, and Pyrin. Intracellularly, IC 100 binds to ASC monomers, inhibiting inflammasome formation, thereby blocking activation of IL-1β early in the inflammatory cascade. IC 100 also binds to ASC in ASC Specks, both intracellularly and extracellularly, further blocking activation of IL-1β and the perpetuation of spread of inflammation that is pathogenic in inflammatory diseases. Because active cytokines amplify adaptive immunity through various mechanisms, IC 100, by attenuating cytokine activation, also attenuates the adaptive immune response. The lead indication for IC 100 is obesity with metabolic complications. To review a white paper summarizing the mechanism of action and preclinical data for IC 100, Click Here.

About ZyVersa Therapeutics, Inc.

ZyVersa (Nasdaq: ZVSA) is a clinical stage specialty biopharmaceutical company leveraging advanced proprietary technologies to develop first-in-class drugs for patients with inflammatory or kidney diseases with high unmet medical needs. We are well positioned in the rapidly emerging inflammasome space with a highly differentiated monoclonal antibody, Inflammasome ASC Inhibitor IC 100, and in kidney disease with phase 2 Cholesterol Efflux Mediator™ VAR 200. The lead indication for IC 100 is obesity with metabolic complications, and for VAR 200, focal segmental glomerulosclerosis (FSGS). Each therapeutic area offers a “pipeline within a product,” with potential for numerous indications. The total accessible market is over $100 billion. For more information, please visit www.zyversa.com.

Cautionary Statement Regarding Forward-Looking Statements

Certain statements contained in this press release regarding matters that are not historical facts, are forward-looking statements within the meaning of Section 21E of the Securities Exchange Act of 1934, as amended, and the Private Securities Litigation Reform Act of 1995. These include statements regarding management’s intentions, plans, beliefs, expectations, or forecasts for the future, and, therefore, you are cautioned not to place undue reliance on them. No forward-looking statement can be guaranteed, and actual results may differ materially from those projected. ZyVersa Therapeutics, Inc (“ZyVersa”) uses words such as “anticipates,” “believes,” “plans,” “expects,” “projects,” “future,” “intends,” “may,” “will,” “should,” “could,” “estimates,” “predicts,” “potential,” “continue,” “guidance,” and similar expressions to identify these forward-looking statements that are intended to be covered by the safe-harbor provisions. Such forward-looking statements are based on ZyVersa’s expectations and involve risks and uncertainties; consequently, actual results may differ materially from those expressed or implied in the statements due to a number of factors, including ZyVersa’s plans to develop and commercialize its product candidates, the timing of initiation of ZyVersa’s planned preclinical and clinical trials; the timing of the availability of data from ZyVersa’s preclinical and clinical trials; the timing of any planned investigational new drug application or new drug application; ZyVersa’s plans to research, develop, and commercialize its current and future product candidates; the clinical utility, potential benefits and market acceptance of ZyVersa’s product candidates; ZyVersa’s commercialization, marketing and manufacturing capabilities and strategy; ZyVersa’s ability to protect its intellectual property position; and ZyVersa’s estimates regarding future revenue, expenses, capital requirements and need for additional financing.

New factors emerge from time-to-time, and it is not possible for ZyVersa to predict all such factors, nor can ZyVersa assess the impact of each such factor on the business or the extent to which any factor, or combination of factors, may cause actual results to differ materially from those contained in any forward-looking statements. Forward-looking statements included in this press release are based on information available to ZyVersa as of the date of this press release. ZyVersa disclaims any obligation to update such forward-looking statements to reflect events or circumstances after the date of this press release, except as required by applicable law.

This press release does not constitute an offer to sell, or the solicitation of an offer to buy, any securities.

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