Acrivon Therapeutics to Highlight its ACR-368 OncoSignature Test, Used in Ongoing Phase 2 Study to Treat Patients Based on Predicted Sensitivity to Monotherapy with its CHK1/2 Inhibitor ACR-368, at the Upcoming AACR-NCI-EORTC International Conference on Molecular Targets and Cancer Therapeutics

September 19, 2023

WATERTOWN, Mass., Sept. 19, 2023 (GLOBE NEWSWIRE) -- Acrivon Therapeutics, Inc. (“Acrivon” or “Acrivon Therapeutics”) (Nasdaq: ACRV), a clinical stage biopharmaceutical company developing precision oncology medicines that it matches to patients whose tumors are predicted to be sensitive to each specific medicine by utilizing its proprietary proteomics-based patient responder identification platform, today announced that two abstracts have been selected for poster presentations at the AACR-NCI-EORTC International Conference on Molecular Targets and Cancer Therapeutics, being held from October 11-15, 2023 in Boston.

“Acrivon Predictive Precision Proteomics (AP3) is a pioneering, next-generation precision medicine approach engineered to overcome the limitations of traditional genetics-based approaches, and we are excited to provide insights into our drug-tailored ACR-368 OncoSignature patient responder identification test that we are currently using in our ongoing clinical trial for patient selection," said Peter Blume-Jensen, M.D., Ph.D., chief executive officer, president, and founder of Acrivon Therapeutics.

Abstracts Accepted for Poster Presentation

Title:	Validation of the OncoSignature assay, an ACR-368-tailored response-predictive quantitative multiplexed immunofluorescent assay for prediction of sensitivity to the CHK1/2 inhibitor ACR-368 in individual patients with cancer
Poster Number:	B012
Presenter:	Michail Shipitsin, vice president of biomarker development, Acrivon Therapeutics
Date and Time:	Friday, October 13 | 12:30-4:00 p.m. ET

Title:	Identification of biomarkers predictive of sensitivity to the CHK1/2 inhibitor ACR-368 using high-resolution phosphoproteomics and development of an ACR-368-tailored patient responder identification 3-marker test, ACR-368 OncoSignature
Poster Number:	C002
Presenter:	Caroline Wigerup, director of biology, Acrivon Therapeutics
Date and Time:	Saturday, October 14 | 12:30-4:00 p.m. ET

About Acrivon Therapeutics

Acrivon is a clinical stage biopharmaceutical company developing precision oncology medicines that it matches to patients whose tumors are predicted to be sensitive to each specific medicine by utilizing Acrivon’s proprietary proteomics-based patient responder identification platform, Acrivon Predictive Precision Proteomics, or AP3. The AP3 platform enables the creation of drug-specific proprietary OncoSignature companion diagnostics that are used to identify the patients most likely to benefit from Acrivon’s drug candidates. Acrivon is currently advancing its lead candidate, ACR-368, a selective small molecule inhibitor targeting CHK1 and CHK2 in a potentially registrational Phase 2 trial across multiple tumor types. The company has received fast track designation from the Food and Drug Administration, or FDA, for the investigation of ACR-368 as monotherapy based on OncoSignature-predicted sensitivity in patients with platinum-resistant ovarian or endometrial cancer. Acrivon’s ACR-368 OncoSignature test, which has not yet obtained regulatory approval, has been extensively evaluated in preclinical studies, including in two separate, blinded, prospectively-designed studies on pretreatment tumor biopsies collected from past third-party Phase 2 trials in patients with ovarian cancer treated with ACR-368. In addition to ACR-368, Acrivon is also leveraging its proprietary AP3 precision medicine platform for developing its internally-discovered preclinical stage pipeline programs, consisting of its development candidate, ACR-2316, a selective, dual WEE1/PKMYT1 inhibitor, and additional programs targeting these two critical nodes in the DNA Damage Response, or DDR, pathways.

Forward-Looking Statements

This press release includes certain disclosures that contain “forward-looking statements” within the meaning of the Private Securities Litigation Reform Act of 1995 about us and our industry that involve substantial risks and uncertainties. All statements other than statements of historical facts contained in this press release, including statements regarding our future results of operations or financial condition, business strategy and plans and objectives of management for future operations, are forward-looking statements. In some cases, you can identify forward-looking statements because they contain words such as “anticipate,” “believe,” “contemplate,” “continue,” “could,” “estimate,” “expect,” “intend,” “may,” “plan,” “potential,” “possible,” “predict,” “project,” “should,” “target,” “will,” or “would” or the negative of these words or other similar terms or expressions. Forward-looking statements are based on Acrivon’s current expectations and are subject to inherent uncertainties, risks and assumptions that are difficult to predict. Factors that could cause actual results to differ include, but are not limited to, risks and uncertainties that are described more fully in the section titled “Risk Factors” in our reports filed with the Securities and Exchange Commission. Forward-looking statements contained in this press release are made as of this

date, and Acrivon undertakes no duty to update such information except as required under applicable law.

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