REPLY EXHIBIT 12

Reply Exhibit 12 – Theriva Biologics, Inc. Form 8-K filed August 11, 2026, Exhibit 99.1 (first page: cash runway)

Nejmeh v. Theriva Biologics, Inc., No. 3:26-cv-00705-ART-CSD (D. Nev.)

Source: SEC EDGAR, Accession No. 0001104659-26-093782.

Exhibit 99.1

Theriva™ Biologics Reports Second Quarter 2026 Operational Highlights and Financial Results

– First patients dosed in the VIRAGE2 Phase 2a clinical study evaluating more frequent repeated dosing of VCN-01 (zabilugene almadenorepvec) the goal of which is to improve treatment outcomes in metastatic pancreatic ductal adenocarcinoma (PDAC) patients –

– Cash and cash equivalents of $11.3 million as of June 30, 2026; cash runway into Q1 2027 –

Rockville, MD, August 11, 2026 (GLOBE NEWSWIRE) – Theriva™ Biologics, Inc. (NYSE American: TOVX), a diversified clinical-stage company developing therapeutics designed to treat cancer and related diseases in areas of high unmet need, today reported financial results for the second quarter ended June 30, 2026, and provided a corporate update.

"We have successfully converted last quarter's regulatory achievements into clinical progress in the VCN-01 program," said Steven A. Shallcross, Chief Executive Officer of Theriva Biologics. "Dosing of the first patients in the VIRAGE2 trial brings us closer to refining a VCN-01 dosing regimen for potential evaluation in a future pivotal Phase 3 clinical trial in first-line metastatic PDAC patients when coadministered with chemotherapy. A repeated VCN-01 dosing regimen may also improve outcomes when combined with other cancer interventions, including immuno-oncology products, RAS inhibitors, and other emerging classes of cancer treatments. If more frequent repeated administration of VCN-01 is feasible and well-tolerated, use of this dosing regimen may further derisk future Phase 3 clinical trials."

Recent Highlights and Anticipated Milestones

VCN-01

Metastatic PDAC:

- As recently announced, the first patients have been dosed in the VIRAGE2 Phase 2a clinical trial entitled "A Phase IIa, single-arm, single-center, open-label, proof-of-concept trial evaluating increased frequency dosing of zabilugene almadenorepvec (VCN-01) in combination with gemcitabine/nab-paclitaxel in patients with newly-diagnosed metastatic pancreatic cancer" (EUCT: 2026-525566-21-00; NCT07701486).
    - The VIRAGE2 study design incorporates feedback from both the European Medicines Agency (EMA) and the U.S. Food and Drug Administration (FDA) recognizing improved survival outcomes in the VIRAGE Phase 2b trial in metastatic PDAC patients treated with 2 doses of VCN-01 (in combination with standard-of-care chemotherapy), highlighting the possibility that more frequent repeated dosing of VCN-01 may provide additional clinical benefit.