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Tempus Announces 10 Abstracts Accepted for Presentation at the 2025 American Society of Clinical Oncology Annual Meeting

May 30, 2025

CHICAGO--(BUSINESS WIRE)--May 30, 2025-- Tempus AI, Inc. (NASDAQ: TEM), a technology company leading the adoption of AI to advance precision medicine and patient care, today announced that ten abstracts have been accepted for presentation at the 2025 American Society of Clinical Oncology (ASCO®) Annual Meeting. The event will take place May 30 - June 3 in Chicago, Illinois. Tempus will present its cutting-edge clinical findings and innovative technologies, highlighting the company's use of AI-driven solutions to advance precision oncology.

"At ASCO 2025, we are proud to showcase a diverse portfolio of studies that highlight how our cutting-edge technologies, including tumor-naive and tumor-informed MRD monitoring, whole genomic sequencing for hematologic malignancies, and multi-omic biomarker profiling, are providing clinicians and researchers with actionable insights to personalize treatment and improve outcomes for patients," said Ezra Cohen, MD, Chief Medical Officer of Oncology at Tempus. "We are excited to share these advancements and collaborate with the oncology community to shape the future of precision medicine."

Research highlights include:

- **Oral Presentation (1506):** A technology-enabled clinical trial program's impact on patient screening and trial enrollment in 2024
 - **Date/Time:** Monday, June 2 from 3:00 PM–6:00 PM CDT
 - **Overview:** The TIME network utilized algorithmic screening technology combined with nurse match review to screen over 1.28 million patients for clinical trials in 2024, resulting in 573 total consents - an average of 1.57 consents per day. The network's programmatic screening at scale, Tempus nurse review, and rapid activation processes helps increase patient access to trials.
- **Poster Presentation (213/3544):** Circulating tumor DNA (ctDNA) dynamics in liver-limited metastatic colorectal cancer (mCRC) patients resected after first-line systemic treatment
 - **Date/Time:** Saturday, May 31 from 9:00 AM–12:00 PM CDT
 - **Overview:** Tempus xM, a tumor-naive test, serves as a prognostic tool for monitoring disease recurrence in resected liver-limited mCRC patients treated with upfront systemic therapy. xM demonstrates strong performance in predicting clinical recurrence and relapse-free survival following surgery.
- **Poster Presentation (499/11160):** Evaluation of large language model (LLM)-based clinical abstraction of Electronic Health Records (EHRs) for Non-Small Cell Lung Cancer (NSCLC) patients
 - **Date/Time:** Saturday, May 31 from 1:30 PM–4:30 PM CDT
 - **Overview:** LLMs show promise for improving abstraction efficiency, converting clinical data from unstructured EHRs into a structured format suitable for analysis. Tempus utilized a two-stage LLM system to abstract critical clinical data of NSCLC patients, achieving high agreement with human abstractors across various data domains.
- **Poster Presentation (148/6532):** Detection of KMT2A Partial Tandem Duplication (PTD) in AML by Whole Genome Sequencing (WGS): Addressing Limitations of Traditional Techniques in the Era of Revumenib Approval
 - **Date/Time:** Sunday, June 1 at 9:00 AM–12:00 PM CDT
 - **Overview:** Tempus xH, a whole genome sequencing assay for hematologic malignancies, enables highly sensitive detection of KMT2A-PTDs in AML—unlocking access to targeted therapies like revumenib. xH helps identify patients who may benefit from emerging treatments and equips clinicians with the insights they need.

- **Poster Presentation (20/2558):** A molecular biomarker for longitudinal monitoring of therapeutic efficacy in a real-world cohort of advanced solid tumors treated with immune checkpoint inhibitors
 - **Date/Time:** Sunday, June 1 at 1:30 PM–4:30 PM CDT
 - **Overview:** Tempus xM, a tumor-naïve test, monitors treatment response by tracking ctDNA dynamics over time. Patients classified as a molecular non-responder at at least one timepoint while on immunotherapy had worse overall survival than molecular responders or patients with no ctDNA detected, highlighting the value of xM molecular response monitoring as a tool to guide ICI treatment decisions.

To learn more about Tempus at ASCO, [click here](#).

About Tempus

Tempus is a technology company advancing precision medicine through the practical application of artificial intelligence in healthcare. With one of the world's largest libraries of multimodal data, and an operating system to make that data accessible and useful, Tempus provides AI-enabled precision medicine solutions to physicians to deliver personalized patient care and in parallel facilitates discovery, development and delivery of optimal therapeutics. The goal is for each patient to benefit from the treatment of others who came before by providing physicians with tools that learn as the company gathers more data. For more information, visit tempus.com.

Forward Looking Statements

This press release contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended (the "Securities Act"), and Section 21E of the Securities Exchange Act of 1934, as amended, about Tempus and Tempus' industry that involve substantial risks and uncertainties. All statements other than statements of historical facts contained in this press release are forward-looking statements, including, but not limited to, statements regarding the quality of Tempus' research and publications; the contributions of Tempus' research and findings to the larger scientific community and the use of Tempus' products and services to advance clinical care for patients. In some cases, you can identify forward-looking statements because they contain words such as "anticipate," "believe," "contemplate," "continue," "could," "estimate," "expect," "going to," "intend," "may," "plan," "potential," "predict," "project," "should," "target," "will," or "would" or the negative of these words or other similar terms or expressions. Tempus cautions you that the foregoing may not include all of the forward-looking statements made in this press release.

You should not rely on forward-looking statements as predictions of future events. Tempus has based the forward-looking statements contained in this press release primarily on its current expectations and projections about future events and trends that it believes may affect Tempus' business, financial condition, results of operations and prospects. These forward-looking statements are subject to risks and uncertainties related to: the intended use of Tempus' products and services; Tempus' financial performance; the ability to attract and retain customers and partners; managing Tempus' growth and future expenses; competition and new market entrants; compliance with new laws, regulations and executive actions, including any evolving regulations in the artificial intelligence space; the ability to maintain, protect and enhance Tempus' intellectual property; the ability to attract and retain qualified team members and key personnel; the ability to repay or refinance outstanding debt, or to access additional financing; future acquisitions, divestitures or investments; the potential adverse impact of climate change, natural disasters, health epidemics, macroeconomic conditions, and war or other armed conflict, as well as risks, uncertainties, and other factors described in the section titled "Risk Factors" in Tempus' Annual Report on Form 10-K for the year ended December 31, 2024, filed with the Securities and Exchange Commission ("SEC") on February 24, 2025, as well as in other filings Tempus may make with the SEC in the future. In addition, any forward-looking statements contained in this press release are based on assumptions that Tempus believes to be reasonable as of this date. Tempus undertakes no obligation to update any forward-looking statements to reflect events or circumstances after the date of this press release or to reflect new information or the occurrence of unanticipated events, except as required by law.

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