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Molecular Targeting Technologies Receives Pharma Tech Outlook's 2026 "Radiopharmaceutical Therapy Solution of the Year" Award for EvaThera™

**Industry Recognition Highlights EvaThera™ as a Next-Generation
Pharmacokinetic Engineering Platform for Precision Radiopharmaceutical
Therapy**

WEST CHESTER, Pa.--([BUSINESS WIRE](#))--Molecular Targeting Technologies, Inc. (MTTI), a clinical-stage biotechnology company developing next-generation targeted radiopharmaceuticals, today announced that *Pharma Tech Outlook* has named MTTI its **Radiopharmaceutical Therapy Solution of the Year 2026**, recognizing **EvaThera™**, MTTI's proprietary pharmacokinetic engineering platform based on Evans Blue (EB)-mediated reversible albumin binding.

The recognition highlights EvaThera™'s differentiated approach to radiopharmaceutical development: **engineering pharmacokinetics to enhance the performance of targeted radiopharmaceuticals**. By combining reversible albumin binding with established and investigational targeting ligands, EvaThera™ is designed to extend circulation, increase tumor exposure, and prolong tumor retention.

MTTI believes this approach represents an important complementary dimension of innovation in radiopharmaceutical therapy. **Molecular targeting determines where a therapeutic agent goes; pharmacokinetic engineering can help determine how long and how effectively it remains there.**

According to *Pharma Tech Outlook*, the recognition reflects growing industry interest in optimizing **how therapeutic radiation is delivered** as an important dimension of innovation alongside the discovery and validation of molecular targets.

Why EvaThera™ Matters

EvaThera™ is a **target-agnostic, modular pharmacokinetic engineering platform** designed to enhance the pharmacokinetic properties of targeted radiopharmaceuticals through reversible albumin binding.

Rather than relying exclusively on the discovery of new molecular targets, EvaThera™ is designed to complement established and investigational targeting ligands by optimizing their circulation and tumor-exposure characteristics. The platform is being developed across multiple molecular targets and therapeutic radionuclides, providing pharmaceutical and biotechnology developers with a potential strategy for pharmacokinetic enhancement of existing and next-generation radiopharmaceutical programs.

MTTI believes that the next generation of radiopharmaceutical therapy will be shaped not only by identifying the right biological targets, but also by **engineering how therapeutic radiation is delivered**.

EvaThera™ is designed to complement—not replace—molecular targeting by enhancing pharmacokinetics and potentially improving the therapeutic index of targeted radiopharmaceuticals.

Clinical Evidence Supporting the EvaThera™ Platform

The EvaThera™ platform is supported by clinical experience with **¹⁷⁷Lu-EBTATE**, an albumin-binding somatostatin receptor 2 (SSTR2)-targeted radiopharmaceutical being developed for gastroenteropancreatic neuroendocrine tumors (GEP-NETs).

- **Clinical evidence supporting the EvaThera™ concept:** Clinical experience with **¹⁷⁷Lu-EBTATE in 81 patients** demonstrated sustained tumor retention for up to **15 days**, supporting the ability of Evans Blue-mediated albumin binding to extend tumor exposure following administration.
- **Enhanced tumor exposure:** Comparative clinical analyses demonstrated **up to approximately eight-fold higher tumor uptake and/or retention** with **¹⁷⁷Lu-EBTATE** relative to **¹⁷⁷Lu-DOTA-TATE**. In preclinical

studies, ¹⁷⁷Lu-EBTATE demonstrated **up to 35-fold greater tumor uptake and retention** compared with ¹⁷⁷Lu-DOTA-TATE in certain models.

- **Lower administered radioactivity in the evaluated regimen:** The evaluated two-cycle ¹⁷⁷Lu-EBTATE regimen represented approximately **12.5% of the cumulative administered radioactivity of a conventional four-cycle Lutathera® regimen**. This comparison refers to administered activity and should not be interpreted as a direct measure of whole-body or organ radiation exposure.
- **Encouraging renal safety profile:** Clinical experience to date has shown an encouraging renal safety profile, with **no clinically significant nephrotoxicity observed through one year of follow-up in the evaluated population**.

Together, these findings provide clinical evidence supporting the underlying EvaThera™ pharmacokinetic engineering concept: **prolonging systemic circulation and tumor retention may increase tumor radiation exposure and potentially improve the therapeutic index of targeted radiopharmaceuticals**.

A Modular Platform Across Targets and Radionuclides

EvaThera™ is being developed as a modular technology designed to integrate with multiple targeting ligands and therapeutic radionuclides.

The EvaThera™ platform is being advanced across multiple oncology targets, including:

- **SSTR2**, through the clinical development of ¹⁷⁷Lu-EBTATE for GEP-NETs;
- **Integrin $\alpha v \beta 3$** , including programs targeting solid tumors such as non-small cell lung cancer;
- **FAP**, with programs advancing toward fibroblast activation protein-targeted radiopharmaceutical applications; and
- **GRPR**, with programs advancing toward gastrin-releasing peptide receptor-targeted applications across additional solid tumors.

EvaThera™ is also being developed for integration with different therapeutic radionuclides, including ¹⁷⁷Lu, a beta-emitting radionuclide, and ²²⁵Ac, an alpha-emitting radionuclide. This radionuclide-flexible design may allow the platform to address different therapeutic strategies and disease settings.

Strategic Opportunity for Pharmaceutical and Radiopharmaceutical Developers

The modular nature of EvaThera™ creates potential opportunities beyond MTTI's proprietary pipeline.

Pharmaceutical and biotechnology companies may be able to explore EvaThera™ as a **pharmacokinetic enhancement strategy for existing or investigational radiopharmaceutical programs**, potentially without requiring the identification and validation of an entirely new molecular target.

Potential applications include:

- Enhancing tumor exposure and retention of established targeting ligands;
- Exploring pharmacokinetic optimization of investigational radiopharmaceuticals;
- Supporting development of next-generation beta- or alpha-emitting radiotherapeutics; and
- Creating opportunities for **strategic licensing, co-development, and portfolio enhancement**.

MTTI is actively engaging pharmaceutical, biotechnology, and radiopharmaceutical companies interested in evaluating EvaThera™ as a **pharmacokinetic engineering technology for existing and next-generation radiopharmaceutical programs**.

Executive Perspectives

"We are honored to receive this recognition from *Pharma Tech Outlook*," said Chris Pak, Ph.D., Chairman and Chief Executive Officer of MTTI. "We believe the next generation of radiopharmaceutical therapy will

come not only from discovering new molecular targets, but from fundamentally improving how therapeutic radiation is delivered. EvaThera™ represents our effort to establish pharmacokinetic engineering as a new dimension of precision radiopharmaceutical therapy. By enhancing tumor exposure and retention, we believe pharmacokinetic engineering has the potential to complement molecular targeting and help advance the therapeutic index of targeted radiopharmaceuticals.”

“EvaThera™ offers pharmaceutical and radiopharmaceutical developers a new opportunity to optimize the pharmacokinetic performance of existing or investigational targeting strategies,” said Norman LaFrance, M.D., Chief Strategy Officer of MTTI. “The ability to enhance pharmacokinetics without requiring discovery of an entirely new molecular target could provide an attractive complementary strategy for developing next-generation radiopharmaceutical therapies. We believe this creates meaningful opportunities for strategic collaborations, licensing, and co-development with companies seeking to enhance their radiopharmaceutical pipelines.”

A Broader Vision for Precision Radiopharmaceutical Therapy

As precision oncology advances, MTTI believes the future of radiopharmaceutical therapy will be defined not only by **what** tumors are targeted, but also by **how efficiently, safely, and precisely therapeutic radiation is delivered**.

Through EvaThera™, MTTI is developing a scalable pharmacokinetic engineering platform designed to enhance tumor exposure and retention of established and investigational targeting ligands across multiple molecular targets and therapeutic radionuclides.

The recognition by *Pharma Tech Outlook* underscores growing industry interest in pharmacokinetic engineering as a complementary strategy to molecular targeting for improving the therapeutic potential of precision radiopharmaceutical therapies.

By enabling pharmacokinetic optimization of established targeting strategies, EvaThera™ may provide pharmaceutical developers with an opportunity to **enhance**

existing radiopharmaceutical programs while potentially reducing reliance on novel target discovery alone.

MTTI is actively seeking strategic relationships with pharmaceutical, biotechnology, and radiopharmaceutical companies interested in evaluating EvaThera™ for potential licensing, co-development, or integration with existing and next-generation radiopharmaceutical programs.

About Molecular Targeting Technologies, Inc.

Molecular Targeting Technologies, Inc. (MTTI) is a clinical-stage biotechnology company advancing precision radiopharmaceuticals through its proprietary **EvaThera™ pharmacokinetic engineering platform**, based on Evans Blue-mediated reversible albumin binding.

The first clinical application supporting the EvaThera™ platform is ¹⁷⁷Lu-EBTATE, which is being advanced toward **pivotal Phase III clinical development** for gastroenteropancreatic neuroendocrine tumors (GEP-NETs). MTTI is also expanding the platform across additional oncology targets, including **integrin αvβ3, FAP, and GRPR**, with therapeutic programs utilizing both **lutetium-177 and actinium-225**.

MTTI is actively engaging pharmaceutical and biotechnology companies interested in evaluating EvaThera™ for potential **licensing, co-development, and integration with existing or next-generation radiopharmaceutical programs**.

For additional information, visit www.mtarget.com or www.evathera.com.

Forward-Looking Statements

This press release contains forward-looking statements regarding the potential capabilities and future applications of the EvaThera™ technology, the development and commercialization of the Company's product candidates, anticipated clinical and regulatory milestones, potential strategic collaborations and licensing opportunities, intellectual property, and future business prospects.

These statements are based on current expectations and assumptions and are subject to risks and uncertainties that could cause actual results to differ materially. Readers are cautioned not to place undue reliance on these forward-looking statements, which speak only as of the date of this release. MTTI undertakes no obligation to update these forward-looking statements except as required by applicable law.

The complete *Pharma Tech Outlook* feature article is available

at: <https://www.pharmatechoutlook.com/molecular-targeting-technologies-inc-2026>

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