

January 15, 2025

**Zeon invests in Optieum Biotechnologies, a biotechnology company developing innovative next-generation CAR T cells**

Zeon Corporation

**Zeon Corporation (Zeon; head office: Chiyoda-ku, Tokyo; President and CEO: Tetsuya Toyoshima) has invested in Optieum Biotechnologies Inc. (Optieum; head office: Toon City, Ehime Prefecture; President & CEO: Shun Nishioka), a company that develops innovative CAR T cells.**

Optieum is developing the innovative CAR T-cell therapy\*<sup>1</sup> for solid tumors. The core of Optieum's innovation lies in its proprietary Eumbody System, a groundbreaking platform that optimizes CAR constructs to fully unleash the therapeutic potential of T cells by dynamically harmonizing CAR binding domains. This latest investment offers an opportunity for Zeon to play its part in delivering optimal medical products to many patients with cancer by using a technology the Zeon Group is currently developing to support Optieum's CAR T-cell therapy technology.



**Outline of Optieum**

Company name: Optieum Biotechnologies Inc.  
Business: Research and development of CAR T-cell therapeutics  
Representative: Shun Nishioka  
Address: 454 Shitsukawa, Toon City, Ehime Prefecture, Japan  
Website: <https://optieumbio.com/>

**\*1 CAR T-cell therapy**

A method for treating cancer that is classified as gene therapy. CAR T cells are created and grown by genetically modifying the patient's immune cells (T cells) to express CAR and then returned to the patient's body to attack cancer cells.

**\*2 Eumbody System**

Proprietary technology for screening the optimal CAR for immune cells (T cells) by using Optieum's unique scFv library.

Zeon is committed to contributing to a sustainable society and providing indispensable products and services by investing in and nurturing startups in four key areas (healthcare and life sciences, CASE and MaaS, telecommunications (5G/6G), and energy conservation) and ultimately realizing a sustainable Earth and safe and comfortable life for people.

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