

September 11, 2026

KH Neochem Co., Ltd.

(Securities Code: 4189; Tokyo Stock Exchange Prime Market)

KH Neochem to Present at the SfRBM 2026 North American Redox Symposium

— Joint Research Findings on the Antitumor Effects of the Biodegradable Polymer PHB —

KH Neochem Co., Ltd. (head office: Chuo-ku, Tokyo; President and Chief Executive Officer: Michio Takahashi) will participate in the SfRBM 2026 North American Redox Symposium^{*1}, to be held in Burlington, Vermont, USA, from Sunday, September 13 through Wednesday, September 16, 2026.

During the symposium, the Company will present findings from joint research conducted with Dr. Masaki Nagane and colleagues at the School of Veterinary Medicine, Azabu University, concerning the antitumor effects of the biodegradable polymer polyhydroxybutyrate (PHB).

The North American Redox Symposium is an international scientific meeting that brings together researchers in free radical and redox biology to discuss the latest findings spanning basic research through clinical application. Under the 2026 theme, “Redox-based processes in chronic disease: From target discovery to clinical application,” a broad range of research will be presented on redox regulation, mitochondrial function, endoplasmic reticulum stress, chromatin regulation, and other processes associated with cancer and other chronic diseases.

Overview of Joint Research

PHB is a biodegradable polymer accumulated by microorganisms within their cells as an energy-storage material. Because it can be degraded by microorganisms in the natural environment, PHB is expected to contribute to reducing environmental impact and to be used in a wide range of applications, including packaging materials, fibers, and molded products.

In addition to its properties as a material, the Company is investigating the potential biological functions of PHB through joint research with the School of Veterinary Medicine, Azabu University.

In this study, the effects of PHB administration on tumor growth and survival in tumor-bearing mouse models were evaluated, together with its effects on immune responses and redox-related signaling. The results provided findings suggestive of antitumor activity following PHB administration and indicated that PHB may affect immune responses and other biological processes in vivo.

At the symposium, the research team will present these experimental results and discuss the potential mechanisms underlying the antitumor effects of PHB.

By leveraging its proprietary fermentation and polymer technologies, the Company is pursuing new possibilities for PHB not only in material applications but also in the healthcare and animal health fields. Through continued collaboration with universities and other research institutions, the Company will further elucidate the functions of PHB and contribute to human and animal health and the realization of a sustainable society.

^{*1} Symposium website: [SfRBM: 2026 North American Redox Symposium](#)

Symposium Information

Symposium	SfRBM 2026 North American Redox Symposium
Dates	September 13 (Sun.)-September 16 (Wed.), 2026
Venue	Hotel Champlain Burlington 60 Battery Street, Burlington, Vermont 05401, USA
Presentation	September 15 (Tue.), 2026 Title: "Biodegradable plastic polyhydroxybutyrate exerts antitumor effects"

About Azabu University

Azabu University, which celebrated the 135th anniversary of its founding in 2025, is a private university with a strong focus on research in animal sciences. Building on its long-standing achievements in education and research, the University is actively committed to developing the next generation of highly skilled professionals.

The University comprises two schools with six departments: the School of Veterinary Medicine (Department of Veterinary Medicine, Department of Veterinary Nursing and Health Science, and Department of Animal Science and Biotechnology) and the School of Life and Environmental Science (Department of Medical Technology, Department of Food and Life Science, and Department of Environmental Science). It also has two graduate schools: the Graduate School of Veterinary Science and the Graduate School of Environmental Health. Through this educational framework, Azabu University is committed to developing highly specialized professionals who can contribute to building better relationships between people and animals.

Azabu University website: <https://www.azabu-u.ac.jp/about/>

About KH Neochem (As of December 31, 2025)

Company Name	KH Neochem Co., Ltd.
Representative	Michio Takahashi, President and Chief Executive Officer
Established	December 2010 (predecessor Kyowa Yuka Co., Ltd. established in November 1966)
Capital	JPY 8,855 million
Head Office	2-3-1 Nihonbashi-Muromachi, Chuo-ku, Tokyo, Japan
Employees	863 (consolidated)
Business Activities	Research, manufacture, and sale of petrochemical products
Major Product Groups	Performance Materials (raw materials for refrigeration lubricants and cosmetics, etc.) Electronic Materials (high-purity solvents for semiconductors and flat-panel displays, etc.) Basic Chemicals (solvents for paints and inks, and raw materials for plasticizers, etc.)
Group Companies	Kuroganekeisei Co., Ltd. / Kuroganefines Co., Ltd. / KH Neochem Americas, Inc. Chenghua (Shanghai) Trading Co., Ltd.

History	1948	Kyowa Sangyo Co., Ltd. (later Kyowa Hakko Kogyo Co., Ltd.) became the first company in Japan to commence mass production of acetone and butanol from molasses using fermentation.
	1949	Kyowa Hakko Kogyo Co., Ltd. established (now Kyowa Kirin Co., Ltd.).
	1966	Kyowa Yuka Co., Ltd. established as the chemical manufacturing subsidiary of Kyowa Hakko Kogyo Co., Ltd.
	2004	Kyowa Hakko Kogyo Co., Ltd.'s chemicals business was integrated into Kyowa Yuka Co., Ltd., establishing Kyowa Hakko Chemical Co., Ltd.
	2011	Kyowa Hakko Chemical Co., Ltd. became independent from the Kyowa Hakko Kirin Co., Ltd. (now Kyowa Kirin Co., Ltd.) Group.
	2012	Company name changed from Kyowa Hakko Chemical Co., Ltd. to KH Neochem Co., Ltd.
	2016	Listed on the First Section of the Tokyo Stock Exchange.
	2018	VISION 2030 formulated.
	2019	KH i-Lab open-innovation facility established.
	2022	Transferred to the Prime Market following the restructuring of the Tokyo Stock Exchange market segments.

Inquiries Regarding This Matter

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