

January 30, 2020  
Sysmex Corporation  
RIKEN Innovation Co., Ltd.

---

## Sysmex and RIKEN Innovation Sign a Comprehensive Collaborative Agreement

---

Sysmex Corporation (HQ: Kobe, Japan; Chairman and CEO: Hisashi Ietsugu) and RIKEN Innovation Co., Ltd. (HQ: Saitama, Japan; President and CEO: Yoshihiro Aburatani) have signed a partnership agreement to use the research results from National Research and Development Institute RIKEN (HQ: Saitama, Japan; President: Hiroshi Matsumoto) to jointly create new businesses and return benefits to society.

Through this agreement, the companies aim to apply advanced and broad-ranging research results from RIKEN, a comprehensive research institution for the natural sciences. The objective is to create high-value testing and diagnostic technologies to resolve global medical issues and contribute to the realization of personalized medicine.

---

The healthcare issues faced by individual countries have grown more diverse in recent years, due to aging populations and the expansion of preventive medicine in developed countries, and the establishment of healthcare infrastructures in emerging markets. With IT and other technological innovations making industries increasingly borderless, it is important to respond to increasingly diverse healthcare needs, proactively collaborate with companies and research institutions that go beyond their industry boundaries, and conduct R&D activities leading to efficient and effective innovation and the creation of new business opportunities.

Sysmex has established an open innovation lab at Technopark (Nishi-ku, Kobe) to pursue collaboration with researchers in Japan and overseas. The Company is pursuing numerous joint research projects at global R&D centers and through its network of Group companies, centering on the development of new diagnostic applications. In these ways, Sysmex aims to acquire unique diagnostic technologies through open innovation with medical and research institutions in Japan and overseas.

As a wholly owned subsidiary of RIKEN, RIKEN Innovation is tasked with promoting collaboration between industry and academia that will quickly return value to society based on RIKEN's research results. As Japan's key comprehensive research institution for the natural sciences, RIKEN is involved in a broad range of research fields. By promoting the joint creation of businesses, RIKEN Innovation will leverage research results from diverse researchers engaged in fundamental and applied research. As a result, RIKEN Innovation aims to work together on a variety of measures that will help resolve issues faced by companies and society.

Sysmex and RIKEN Innovation have entered into a partnership agreement in the aim of leveraging RIKEN's cross-disciplinary research results and Sysmex's R&D knowhow related to diagnostic technologies to create new diagnostic technologies and new businesses that can be rolled out globally.

Based on this partnership agreement, the two companies will collaborate in searching for needs with a view to creating new diagnostic technologies, outlining diagnostic technology development themes, and building an R&D structure. The companies will pursue open innovation aimed at creating new businesses.

RIKEN's President Matsumoto explains that "Under this partnership agreement, Sysmex and RIKEN intend to create a new type of collaboration in the fields of healthcare and drug discovery. RIKEN Innovation aims to maximize synergies by combining the strengths of Sysmex (which is involved in *in vitro* diagnostics hardware and software, as well as reagents) and RIKEN (which has been a leader since Japan's early days of life science research). As a result, we envision a society that provides optimal healthcare to people around the world."

RIKEN Innovation's President Aburatani notes with resolution that "Since RIKEN Innovation's establishment as a wholly owned subsidiary of RIKEN on September 5, 2019, as an external corporation of RIKEN we have promoted collaboration between industry and academia. We have worked to contribute to society through research results and participated in activities that promote and develop operations in collaboration with industry. I am delighted that these activities have resulted in the signing of the current agreement with Sysmex. By using RIKEN's cutting-edge and nascent technologies with Sysmex's focus on meeting needs, we will do our best to contribute to society around the world using science and technology."

Going forward, by providing diagnostic technologies created under this agreement, Sysmex, RIKEN Innovation and RIKEN aim to create treatment opportunities for patients with diseases that have no established diagnostic methods and contribute to medical economy through more efficient healthcare.

### **About Sysmex**

In line with its mission of "shaping the advancement of healthcare," which is defined in the "Sysmex Way," the corporate philosophy of the Sysmex Group, Sysmex works to contribute to the development of healthcare and the healthy lives of people. Sysmex conducts integrated R&D, manufacturing, and sales, and provides support services for instruments, reagents and software for the *in vitro* testing of blood, urine and other bodily fluids. Sysmex supplies its products to medical institutions in more than 190 countries and regions throughout the world. In recent years, Sysmex has been expanding its business in the life science domain, using proprietary technologies to create new testing and diagnostic value, realize healthcare that is optimized for individual patients, and help reduce patients' burdens and enhance their quality of life. For details, see [www.sysmex.co.jp/en](http://www.sysmex.co.jp/en).

### **About RIKEN**

Established in 1917, RIKEN is Japan's largest comprehensive research institution for the natural sciences. RIKEN transitioned to a national research and development institute in October 2016 to pursue research in a broad range of fields, including physics, engineering, chemistry, mathematical and information science, computational science, physics, and medical science. RIKEN is pursuing research activities as a core institution driving the reinforcement of Japan's systems for innovation. For details, see <https://www.riken.jp/en>.

**About RIKEN Innovation**

On September 5, 2015, RIKEN Innovation was established as a company wholly owned by RIKEN under a new law to promote the creation of science, technology, and innovation. Based on an outsourcing agreement with RIKEN, RIKEN Innovation will cooperate and collaborate closely with RIKEN to rapidly return research results as value to society and contribute to Japanese innovation. For details, see <https://www.innovation-riken.jp/en>.