

The Desire to Bring Smiles to the Faces of as Many Patients as Possible with World-Class Bio-pharmaceuticals

The Takasaki Plant and the Bio Process Research and Development Laboratories are located in Takasaki City, in the northern part of the Kanto Plain. Nestled among three famous mountains of Gunma Prefecture, these eco-friendly, safe and sanitary business facilities engage in cutting-edge business operations admired and respected in the local community.

As the manufacturing site of a bio-pharmaceuticals manufacturer, we spend each day engrossed in the study of unique drug discovery techniques with the aim of contributing to human health and well-being worldwide. Operation as a manufacturing base began in 1990, when the plant commenced production of ESPO® (a renal anemia therapeutic agent). The following year the plant began producing GRAN® (a leukopenia therapeutic agent). 2007 marked the market introduction of the long-awaited NESP® (a long-acting erythropoiesis stimulating agent).

Since they are situated side by side, the Takasaki Plant and the Bio Process Research and Development Laboratories have adopted a collaborative framework that has opened the way to synergy in wide-ranging areas. The two organizations engage in close interchanges of technologies and personnel, and their employees work as one to more rapidly deliver superior pharmaceuticals to patients.



Kazuyoshi Adachi
Director
Takasaki Plant

Social Performance

Contributing to Society through Business Activities

Highly Focused Initiatives Applying Bio-production Technologies

With the aim of creating groundbreaking new drugs, the employees of the Bio Process Research and Development Laboratories work in unison on research that takes full advantage of the latest biotechnologies, with a core focus on antibody technologies. Our mission is to create practical pharmaceuticals from bio-pharmaceutical development candidate substances that are in the “dream” stage of development.

In bulk pharmaceuticals research, we apply genetic recombination techniques underpinned by leading-edge process science to develop and establish stable, reliable culturing and refining methods. In drug formulation research, we engage in formulation and packaging design to ensure that patients enjoy peace of mind and trouble-free use of our products.

In a parallel activity, we contribute to the commercialization of bio-pharmaceuticals that offer excellent quality, efficacy, safety and economy by developing scale-up technologies and establishing analysis methods. The research of the Bio Process Research and Development Laboratories comes to fruition in the health of people around the world.



Jun Yamaya
Director
Bio Process Research and Development
Laboratories



Process research and development



Cytoarchitecture

Ensuring the Safe Delivery of Pharmaceuticals

The Takasaki Plant is an advanced bio-pharmaceuticals production plant that complies with Good Manufacturing Practice (GMP), an international standard for pharmaceutical production and distribution, and maintains rigorous production control and quality control systems to ensure the production of dependable pharmaceuticals. To reliably deliver drugs that patients can use with peace of mind, the plant employees bring a sense of urgency and responsibility to their work at all times. We take delight and satisfaction in the fact that our products play a direct role in offering hope and joy to patients suffering from illnesses and proudly and diligently apply ourselves to our work each day. We will continue to take advantage of Kyowa Hakko Kirin's unique manufacturing technologies and quality control techniques to manufacture high-quality pharmaceuticals.



Quality control



The cell removal process

Systems to Ensure Pharmaceutical Quality

The quality control organization at the Takasaki Plant consists of the Quality Control Department, which evaluates the products manufactured at the plant using various tests and inspections, and the Quality Assurance Office, which comprehensively evaluates the results of the manufacturing process and quality control and approves shipments from the plant.

The Quality Control Department supervises the stable production of high-quality pharmaceuticals, making full use of advanced analysis techniques to confirm the quality of bio-pharmaceuticals. It also conducts wide-ranging tests and inspections of factors related to the manufacturing process, including raw materials and resources, the manufacturing water supply and the production environment. Conformance to GMP in work operations and confirmation of the appropriateness of those operations is important for ensuring the quality of each individual pharmaceutical product among the many thousands or tens of thousands manufactured at a time. The Quality Assurance Office maintains an independent perspective in confirming and judging whether work operations conform to protocol and whether noteworthy findings have an impact on quality.

