

# ACADEMIC PROGRAM



**Jerzy Starak**  
**Chairman of the**  
**Supervisory Board**  
**of ZF Polpharma**

“The Polpharma Santo Academic Program reflects our commitment to the long-term development of the pharmaceutical industry in Kazakhstan and Central Asia.

We believe that investing in education and training of young professionals is the key to sustainable progress.

By partnering with leading educational institutions, we share knowledge and technologies essential for working in the modern pharmaceutical industry, giving students the opportunity to gain the skills they need.

This partnership plays a vital role in preparing future specialists who will ensure high-quality and accessible healthcare for millions of people”.

# We

**stand for a future that begins with knowledge**

Education is just the beginning, and we are here every step of the way. On February 20, 2025, at South Kazakhstan Medical Academy (SKMA) a lecture by Thomas Notegger, Manager for Production Activities at Polpharma Group was held. He shared insights on introducing automation and AI in pharmaceutical production and discussed SCADA-system operating at Polpharma Santo plant. We give students access to real-world cases, advanced technologies and good practices.



On May 28, 2025, a lecture was delivered at SKMA by Olga Maklakova, Corporate Quality Director of JSC "AKRIKHIN" in the Eurasian Economic Zone.

The topic of the lecture was:

"European Quality

Standards at Polpharma Santo. Deviations and CAPA as Processes of the Pharmaceutical Quality System." During the session, Olga Maklakova elaborated on the implementation and maintenance of EU GMP standards at pharmaceutical enterprises, practices of quality control and management, and the importance of timely detection of deviations and the implementation of corrective and preventive actions (CAPA). Special attention was given to practical case studies from Polpharma Santo and the role of the quality system in ensuring product safety and efficacy. The event sparked strong interest among SKMA students and faculty, making a significant contribution to the professional development of future pharmacists in the region.

# We

**support growth — and invest in talent**

Every young professional needs support to fully unlock their potential.



# We

are proud to be the starting point for young professionals, helping them turn knowledge into experience and dreams into reality



# We

share experience to turn knowledge into strength

Practice shapes knowledge and builds confidence. In 2024, around 30 students and interns from 6 universities (SKMA, KSU, International Business Academy, and others) completed internships in our laboratories, engineering and administrative departments, production shops, quality control department and HR department.



# We

awarded 4 educational grants to top SKMA students for the 2025–2026 academic year, and a student of the Asfendiyarov Kazakh National Medical University conducted a thesis study on biosafety using the example of azithromycin production at the Polpharma Santo plant. This is not just support, it is our contribution to science, to the professional growth of future pharmacists, and to the future of the entire industry.



# We

**stand with those who bring science closer**

On April 5, 2025, we became a partner of the Youth Chemical Conference at Nazarbayev University — a place where ideas are born and scientists grow. Through the Academic Program, we build bridges between knowledge and practice, between science and industry.



# We

**are shaping the future of pharmaceuticals — through knowledge, experience, and support**

At Polpharma Santo, we believe that a strong healthcare system is built on a foundation of education. That is why we actively develop the Polpharma Santo Academic Program — an initiative that connects universities, students, faculty, and young researchers. We share experience, open doors to the world of high technologies, and inspire and support those who are already shaping the medicine of tomorrow.



# We

**firmly believe that the future of science begins today**

In 2024, together with Nazarbayev University, we launched a unique research project to forecast disease incidence through 2032 using ARIMA, Prophet, and LSTM technologies. These models are a step toward a healthcare system where decisions are based on real data.

# We

**expand horizons together  
with the world**

From March 24-26, 2025, a delegation from SKMA visited Poland. At the Medical University of Gdańsk, discussions were held on a dual degree program that opens the door to international education for students. At Polpharma Biologics, our partners witnessed the future of pharmaceuticals — high-tech, biological, and collaborative.



# We

**believe high-quality  
healthcare begins with  
qualified professionals,  
and we do everything we  
can to support the growth  
of the professional  
community**



# We

**educate professionals already working in the field**

In addition to working with students, faculty, and young scientists, Polpharma Santo actively develops its continuous professional education track. We regularly organize educational events for pharmacists, chemists, and physicians. In 2024 alone, we conducted online and offline training sessions, seminars, and knowledge-sharing meetings for more than 15,000 participants, focused on upskilling, knowledge exchange, and the implementation of best practices.



# We

are building a healthy future together

The Polpharma Santo Academic Program is not limited to support. It is a sign of our trust in youth, respect for education, and a step toward a strong, science-driven pharmaceutical industry.



# We

stand beside those who grow, learn, seek and discover

# We

are always there for you, using state-of-the-art technologies, creating high-quality affordable medicines caring for the health of each family

