



SIEMENS

Solutions for Life Science

Unique working environment for life sciences in Northern Italy

Siemens helps the Mario Negri Institute to protect people, assets and processes while maximizing building efficiency.

The Mario Negri Institute for Pharmacological Research in Milan values the expertise and reliability of Siemens, with the installed technology ranging from building automation and fire safety to security systems.

Innovative and modern research institute

In 1960, wealthy Milan philanthropist Mario Negri left a special request for the establishment of a biochemical institute. In the same year, 22 pharmacologists from the University of Milan founded the Mario Negri Institute, which opened in 1963.

The non-profit organization has become a renowned scientific institution with over 900 employees at four locations and has taken a leading international position in the area of pharmacological research and applied science.

After 44 years in the original location on Via Eritrea in Milan, in 2007 the Mario Negri Institute moved into its new headquarters on a 42,000 m² campus in the northern part of Milan.

The 25,000 m² building houses laboratories and offices equipped with cutting-edge technology for developing new lines of research, several conference and multimedia rooms, a computer-aided library and apartments for researchers and visitors.

The challenge of a safe, energy-efficient and compliant campus

The life science industry is undergoing major changes as regulatory requirements are becoming stricter. The challenge facing an organization like the Mario Negri Institute is how to manage these different conditions using solutions which perfectly suit their needs while complying with regulatory requirements.

[siemens.com/lifescience](https://www.siemens.com/lifescience)



Integrated life science solutions to increase efficiency

With its comprehensive solution portfolio for the life science industry, Siemens was enlisted to undertake the installation of the security, fire safety and building automation systems at the Mario Negri Institute in Milan.

Working together with its exclusive partner Telmotor and the Termingas company, Siemens was able to provide an integrated solution and implement it based on the Total Building Solutions concept. The result is a future-oriented comprehensive solution which integrates mechanical and electrical systems as well as security equipment in the comprehensive Desigo™ building automation and control system.

In addition to temperature, air pressure and humidity control, the solution includes systems for controlling primary and secondary power distribution, for the combined heat and power plant, for lighting as well as for cold and hot water systems.

Access control systems as well as video surveillance and intrusion detection systems – all from Siemens – keep people, assets and processes at the Mario Negri Institute safe and secure.

Close relationship between science and technology

According to Silvio Garattini, the Institute's director since its establishment in 1960, science and technology are two sides of the same coin: "It's inconceivable to talk about one side without considering the other side. Science and technology complement each other. Having good ideas is not enough if there is no suitable technology for it, but no great progress can be made with technology alone."

With its outstanding life science solutions, Siemens helps to provide energy-efficient, safe and secure as well as compliant environmental conditions at the Mario Negri Institute where science and technology unite.

Highlights

- Desigo Insight management station
- 18,000 data points
- 70 Desigo PX automation stations
- 324 Desigo RX room controllers
- 7 fire control panels
- 3,100 smoke detectors
- 220 acoustic and visual alarms
- 40 video surveillance cameras
- 11 digital video recorders
- 1 access control system
- 41 access control readers