

# Pharma Presentation 2024



## About PBL



PBL was established as an industry-leading custom solution provider to global pharmaceutical corporations.

The entrepreneurial mindset of Franco Serventi and Marco Serventi – father and son – started in 1979 when the first automation solutions for beverage, chemical, and pharmaceutical sectors were designed, built, and installed. Four decades of extensive engineering knowledge obtained from thousands of successful projects are available to our clients.

The Serventi's history and passion for excellence, combined with the support of highly skilled engineers, makes PBL a unique partner for innovative and efficient solutions for global manufacturing corporations.

## Mission

OUR MISSION IS TO BRING CREATIVE  
AND INNOVATIVE AUTOMATION  
TECHNOLOGIES

TO THE MARKET OUR APPROACH FOR  
THE FUTURE IS TO DESIGN AND BUILD  
UNIQUE SOLUTIONS.



## PBL Facility Expansion

PBL is expanding their manufacturing facility. The new state-of-the-art building will triple PBL's manufacturing capacity to 10,000 square meters

Expected construction completion is 2024.



## PBL Today

Employees



80 high  
skilled workers

Workshop



18 state-of-the art  
machining centers

Know-how



40 + years of  
experience

## Integrated Environment



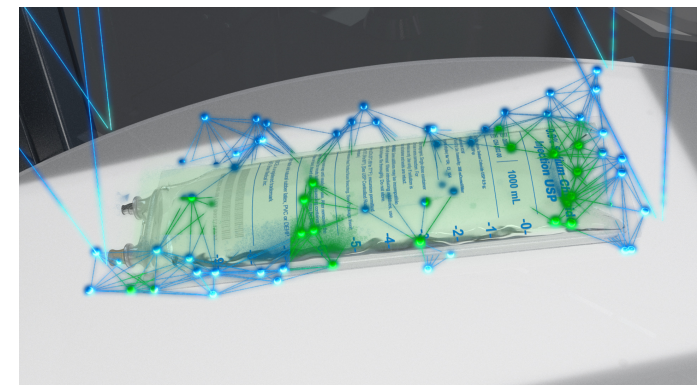
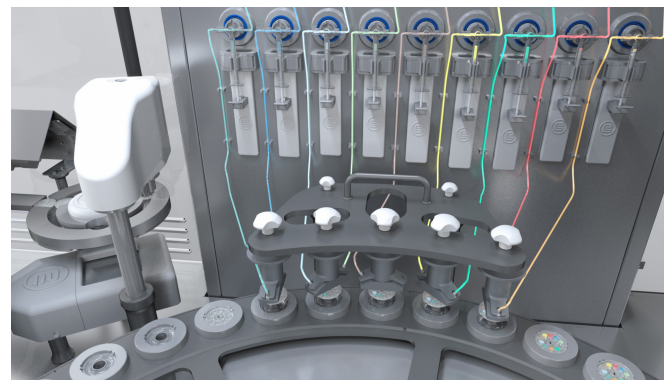
PBL is ideal partner for pharma, radio-pharma and cosmetic customized solutions applied to primary and secondary packaging. In a collaborative approach, our experts offer flexibility, innovation, technical expertise and value on your investments.



PBL is able to design and supply filling and packaging lines for single serve coffee, capable to satisfy any customer's request and react quickly to continuous market developments.



Customers looking for complex and customized software and hardware solutions can find an ideal partner at PBL. Our expertise in Artificial Intelligence and Deep Learning is offered to companies in need of dedicated industrial solutions based on innovative and efficient technologies.



# National Center for Gene Therapy and Drugs based on RNA Technology

In June 2022, PBL SRL has been selected as one of the few industrial founders, among other important pharmaceutical companies, of the new **“National Center for Gene Therapy and Drugs based on RNA Technology”**.

The Creation of the Center is part of the actions included in Recovery Plan conducted by the Italian Government, that is aiming at creating a deep and strong know-how in the Research Field of 5 enabling technologies, including ATMPs (Advanced therapy Medicinal Products).

[The Center, lead by the University of Padua](#), is going to be founded with more than **320 M€** and includes many National University and Hospitals that are involved in ATMPs.

In Italy there has been in the last 10 years an increasing number of centers that invested in ATMPs and reached outstanding clinical results during the clinical trials conducted. The major one are:

- [Ospedale Pediatrico Bambino Gesù](#), lead by Prof. Franco Locatelli, probably the leading expert in CAR-T cell therapies in Italy and president of the Higher Health Council of Italy.
- [Tettamanti Foundation](#), the second most important Italian Center for CAR-T therapy administration and research. Its Scientists are the inventors of the famous ‘sleeping beauty vector’.



# National Center for Gene Therapy and Drugs based on RNA Technology: PBL role

In April 2023, PBL started important partnerships with many Italian centers involved in the production of cell therapies.

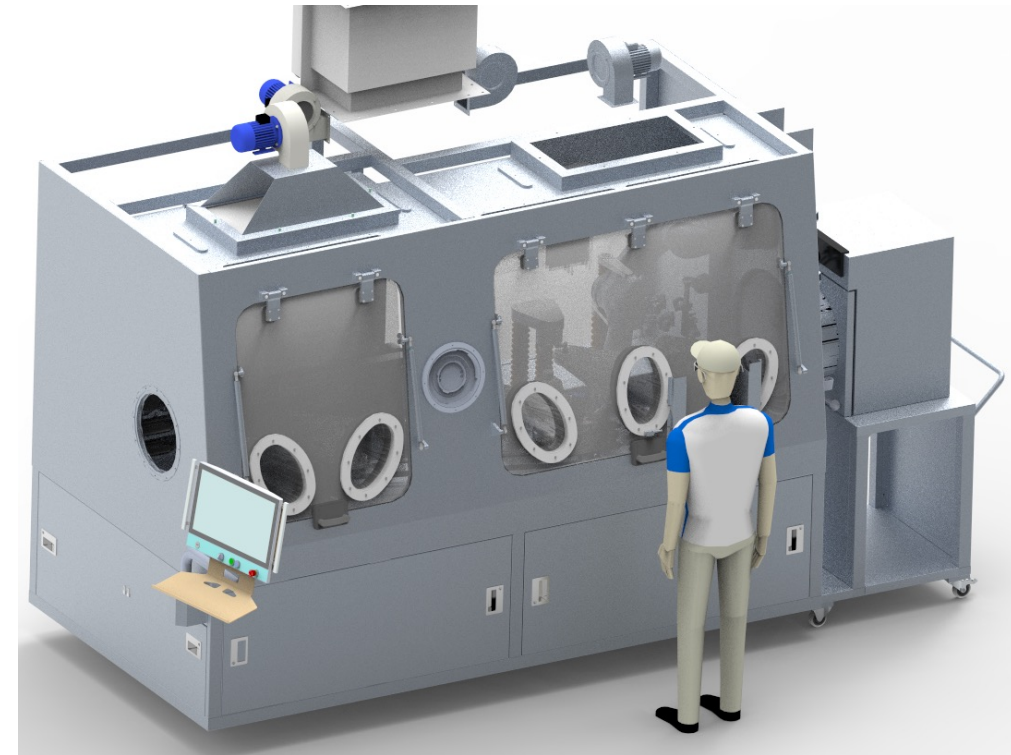
Our role within the National Center is to design and create a **fully automated and completely closed class A-GMP grade machine** (picture on the right) able to automatically produce different types of cell therapies starting from the required raw materials that are fed to the machine thanks to special loading doors.

This machine will allow to obtain the following advantages:

- No need for expensive GMP facilities to conduct production and research activities
- Scalability of the systems and the processes
- Repeatability and standardization of the processes
- Availability of new customizable automated solutions for scale-up

PBL was selected by the Italian Institutions to be a founder of the Center thanks to its ability to create fully customized production lines for the pharmaceutical sector. As a matter of fact PBL demonstrated to be able to create:

- High-precision, low volume filling machines
- Artificial Intelligence driven inspection machines for 'knap test' of both rigid and flexible containers
- Hot cell for handling of radio active drugs
- Sterilization tunnels
- Laminar flow cabinet, etc...



Patent pending....



## After Sales and Maintenance

PBL's trained after-sales engineers will provide support directly from Italy.  
Spare parts, Electrical, Mechanical, Software and Training.



### **PBL Italy**

Via Alessandro Volta, 8  
Rubbiano Parma, Italy



### **ACIC PBL America**



### **ACIC PBL Canada**

81 Sinclair Boulevard,  
Brantford ON Canada



Find us on: [www.pbl.it](http://www.pbl.it)