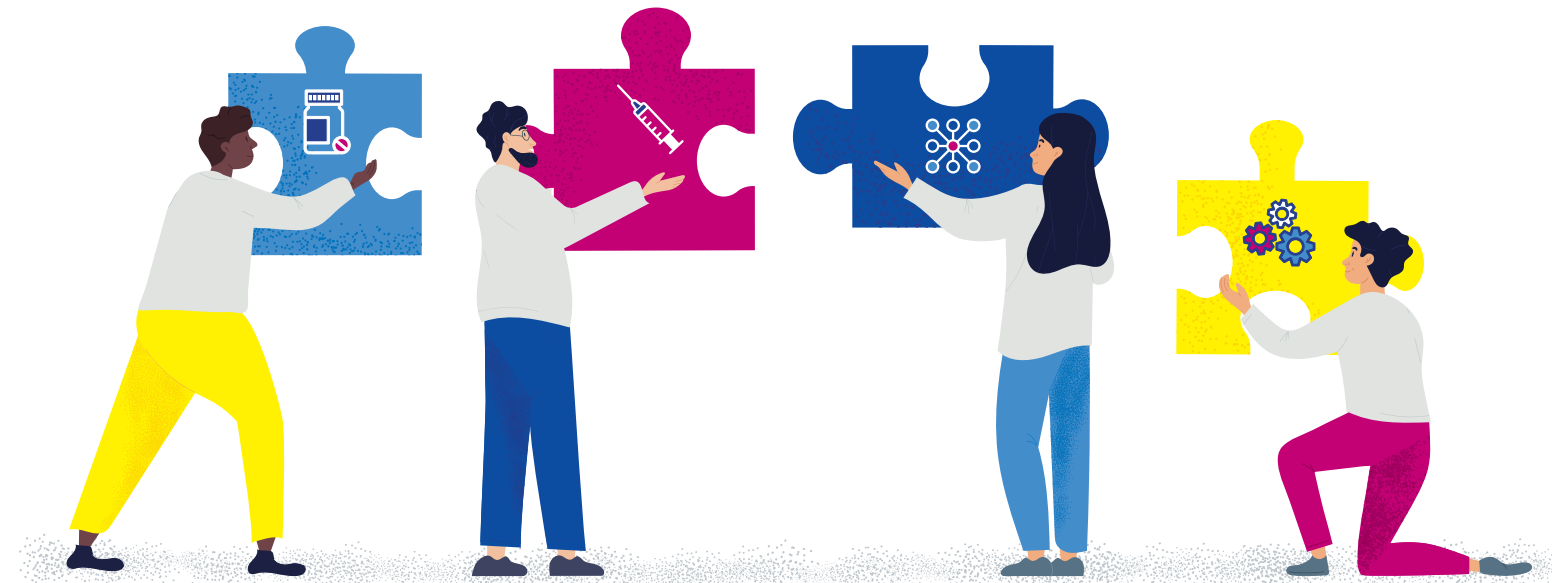


# Transatlantic Cooperation in the Fight Against COVID



The business, medical, and research communities in both the European Union and the United States have been integral to the global fight against COVID-19, and in delivering effective treatments and vaccines.

#EUintheUS #StrongerTogether



## Therapeutics, Medical Devices, and PPE



EU-U.S. collaboration to develop diagnostics and therapeutics brought tangible results that saved lives.



In the early days of the pandemic, European companies, such as **Austria's** Greiner Bio One and SemperMed, and **Italy's** Copan, expedited medical supplies, protective equipment, and test kits to the United States.



**Sweden's** Getinge, **Slovakia's** Chirana Medical, and **Ireland's** Medtronic, among other EU-based companies, manufactured and delivered thousands of ventilators to US healthcare providers in 2020.

## Vaccine Development



Public and private entities in the United States, the European Union, and around the world collaborated to develop safe and effective COVID-19 vaccines in record time.



The Pfizer-BioNTech vaccine is the result of a partnership between a **German** biotechnology company and US pharmaceutical company. **Austria's** Polymun Scientific supplied Pfizer with essential components for its mRNA vaccine.



Development of the Johnson & Johnson vaccine involved J&J's **Belgian** and **Dutch** subsidiaries Janssen. **Spanish** Reig Jofre is producing additional doses.



**Portugal's** GenIbet collaborated to produce the first batches of messenger RNA that allowed **Moderna** to develop its vaccine. **Spain's** Rovi produced millions of doses of the vaccine.



EU-based manufacturers have also shipped vaccines for use in the US vaccination campaign.

## Supply Chain Collaboration



COVID-19 has underlined the importance of open supply chains and smooth trade flows for inputs, components, and finished goods. Critical infrastructure had to be developed to support the safe transport of vaccine vials, some of which had to be stored at -94°F (-70°C).



**Brussels** Airport became an important hub for the cold-chain distribution of vaccines and other pharmaceuticals between Europe and the United States.



**German** logistics companies Lufthansa Cargo and DHL built and leveraged cold storage and delivery facilities in Chicago and Indianapolis.



**Italian** companies, including FDM, Faster, Fiocchetti, and Desmon, supplied ultra-low-temperature freezers for vaccine transportation and distribution. **Luxembourgish** medical refrigeration company B Medical Systems opened a major distribution facility in Noblesville, Ind.

## Future Developments



COVID-19 highlighted the long-term value of telemedicine. **Austrian** company Solgenium developed a software platform to help healthcare providers assess personnel and resources needed for patients. US healthcare teams used Salaso Health's telemedicine and live exercise platform from **Ireland** to connect patients for virtual rehabilitation services.



The importance of real-time data sharing during a pandemic proved how platforms like the **European Union's** COVID-19 Data Platform are essential for monitoring and combatting the virus, its variants, and new global health threats.



Transatlantic cooperation has enabled tremendous breakthroughs in the fight against COVID-19, a lasting legacy of our interconnected medical research communities, supply chains, and economies.