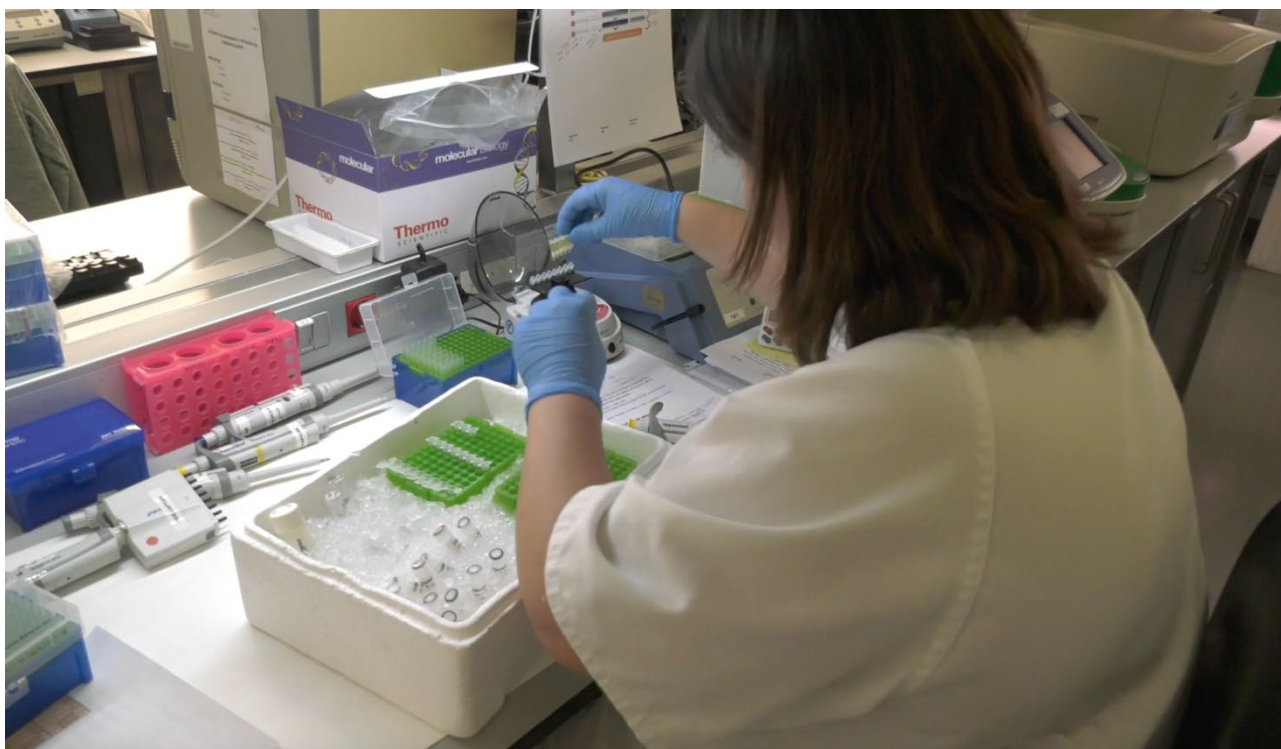


Fighting cancer with nanoparticles: watch the ULISES Video News Release



Nanoparticles may be the future of the fight against pancreatic cancer, but also tumours that currently have no cure options. A video news release provides a synthesis of the ULISES project milestones.

[According to the European Commission](#), cancer is on the rise in the EU, with the number of new cases reaching 2.7 million in 2022. Cancer deaths for that same year also went up and were estimated to be at 1.3 million.

In particular, pancreatic cancer remained the leading cause of cancer-related deaths in the EU in 2022. Although this cancer has a lower incidence than many others (it ranks 8th among men and 5th among women), its low survival rate places it among the top four deadliest cancers in both men and women.

Since 2020, the ULISES Consortium has been working hard to develop a new treatment to fight pancreatic cancer through nanoparticles. The focus of this project is to get a patient's immune system to reject the tumour. Its innovative strategy mainly consists of delivering genetic material to the tumour cells, to make them visible to the immune system, thus triggering a response to akin the vaccine effect. Nanoparticles play a crucial role in this. Once synthesized, they bear a striking resemblance to those used for the COVID-19 vaccine. As only tumour cells are targeted, this new treatment would also avoid most of the adverse reactions of current therapies, such as chemo- and radiotherapy.

Fondazione ICONS

Headquarters: Via Volturno 15 · I-26900 Lodi, Italy · +39 0371 091065 · icons@icons.it · www.icons.it
Legal address: Piazza della Vittoria 1 · I-26900 Lodi, Italy · CF: 92563110151

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Moreover, if this treatment proves effective, it would not only provide a cure for one of the deadliest cancers in the world, pancreatic cancer but also open up a new therapeutic opportunity for other types of deadly tumours that currently have no cure options.

To learn more about the project, watch our [Video News Release](#).

This Video News Release was produced by Diego Giuliani, ICONS editorial manager

Contacts:

Cristina Fillat (project's coordinator) – IDIBAPS, cfillat@clinic.cat

Communication Officer:

Ilaria Orfino - ICONS ilaria.orfino@icons.it

Project Website: [Project - Ulises \(ulises-project.eu\)](http://ulises-project.eu)

Twitter: [@ulises_eu](https://twitter.com/ulises_eu)

LinkedIn: [ULISES PROJECT](#)

YouTube: [ULISES](#)