

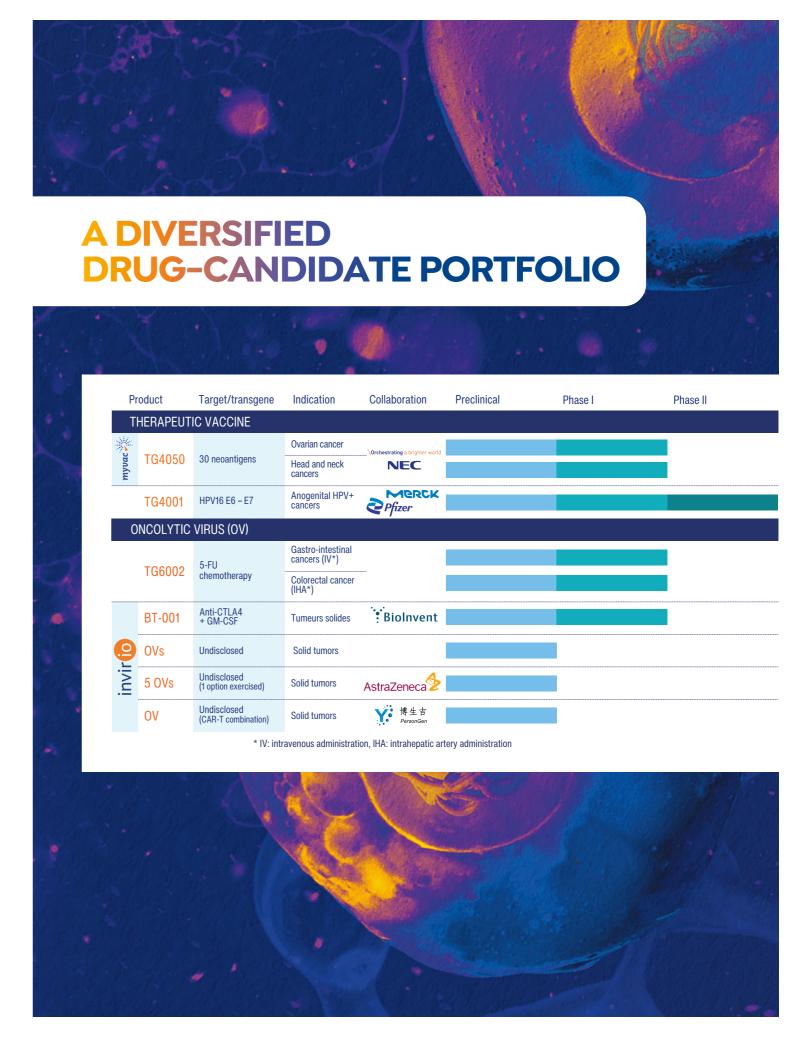
TRANSGENE, **IMMUNOTHERAPIES AGAINST CANCER**

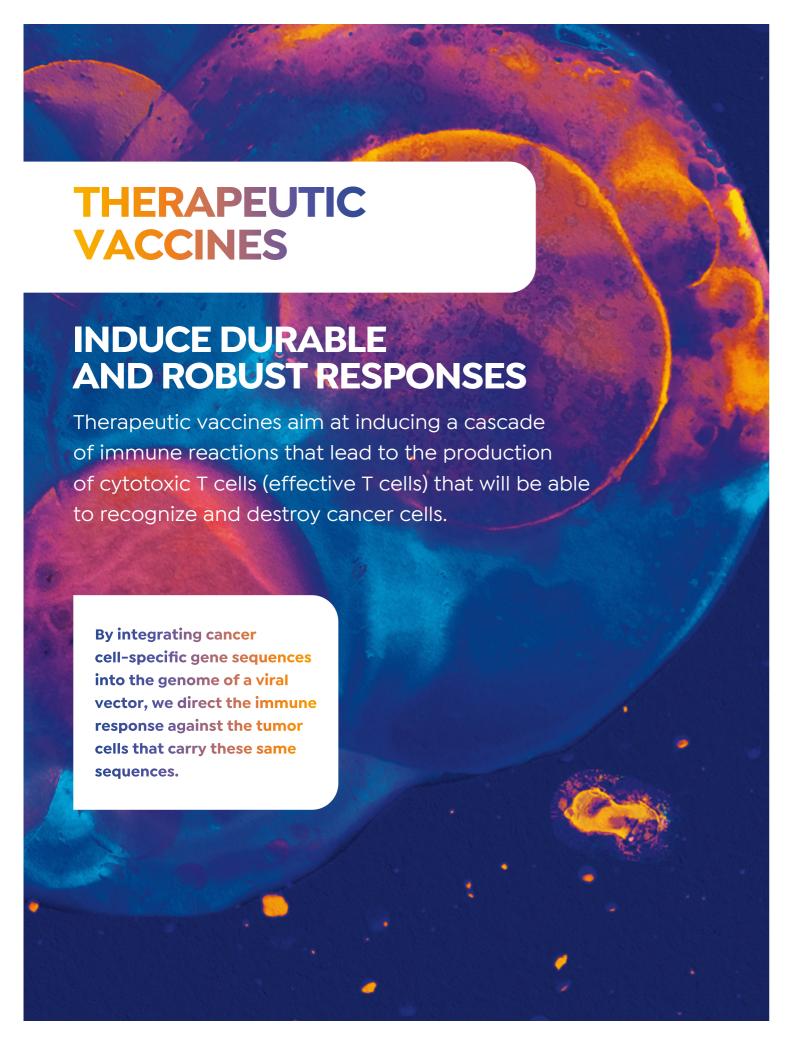
The scientific expertise and the commitment of Transgene's 170 collaborators enable the Company to develop highly innovative immunotherapies for the treatment of cancer.

The principle: to stimulate and to educate the immune system with the goal of enabling it to recognize and destroy cancer cells.

To achieve this goal, Transgene has developed two technological approaches: therapeutic vaccines and oncolytic viruses. We design these drug candidates by integrating a comprehensive therapeutic arsenal within the genome of optimized viruses (also known as viral vectors). These viral vectors use highly attenuated viral strains with an established safety profile; they cannot replicate within healthy cells.

Our immunotherapies can either be used as single agent or in combination with other cancer treatments.







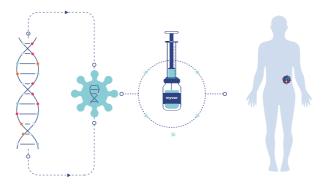
ONE PATIENT, ONE CANCER
ONE VACCINE







First promising results with this innovative individualized therapy



TG4050 is the first drug candidate based on the technology *myvac*[®].

It is being evaluated in two clinical trials in Europe and in the United States.

The first positive preliminary Phase I immunological and clinical dada highlight the potential of this highly innovative neoantigen vaccine.



Transgene developed *myvac*®, an immunotherapy platform, which leverages cutting-edge Artificial Intelligence (AI) capabilities to customize the treatment for each patient.

Transgene's highly innovative technology platform, *myvac*®, enables the generation of a virus-based immunotherapy, which encodes patient-specific cancer cell mutations (neoantigens) identified and selected by NEC's Neoantigen Prediction System, an advanced Al technology approach. The company has also set up a unique in-house Good Manufacturing Practices (GMP) unit.

TG4001 targets cancers induced by human papillomavirus (HPV).

This therapeutic vaccine provided particularly promising results in a Phase Ib/II clinical trial in 2020. These were presented at the SITC 2020 and ESMO IO 2020 congresses by Professor Christophe Le Tourneau of the Institut Curie.

The pooled analysis of this Phase Ib/II trial demonstrated pronounced anti-tumor activity of the combination of TG4001 and avelumab.

Transgene observed that the presence of liver metastases had a significant impact on the results: in patients without liver metastases, the response rate was 34.8% and a median progression-free survival of 5.6 months was achieved.

These promising data compare favorably with standards of care. They allow Transgene and Merck KGaA to expand clinical development in a randomized, controlled Phase II trial. The first patient of this study was included in June 2021.

An interim analysis will be performed after the inclusion of approximately 50 patients; data are expected in Q4-2022.





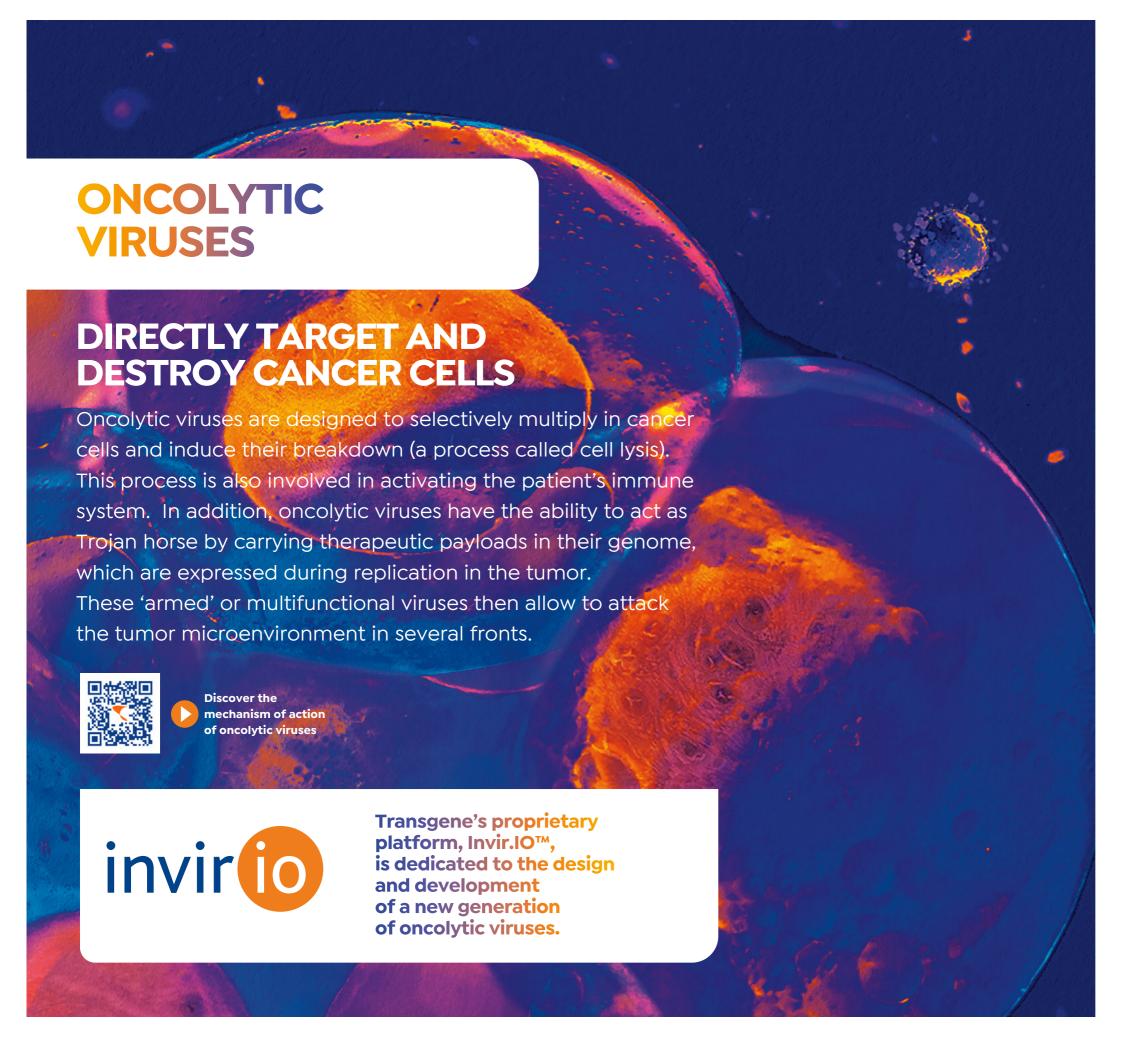
Discover our video on TG4001





Interview of Prof. Le Tourneau and of our Chief Medical Officer on the recent Phase Ib/II data

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TG6002 is an oncolytic virus that allows the production of a chemotherapy agent directly in the tumor.

This drug candidate is being investigated in two clinical trials, evaluating intravenous and intra-arterial hepatic routes of administration, in patients with gastrointestinal cancers. Initial Phase I clinical data with TG6002 were presented at two major congresses in 2021: AACR and ESMO.

These results confirm the feasibility of intravenous administration of this oncolytic virus, based on our proprietary viral vector behind the Invir. IO^{TM} platform.





BT-001 is the first oncolytic virus from Invir.IO ™.

It is armed with an anti-CTLA-4 antibody from our partner BioInvent. Promising preclinical data have been presented at AACR 2022. BT-001 is currently being evaluated in a Phase I/IIa trial; the first patient was treated in February 2021.





AstraZeneca

Transgene and AstraZeneca have entered into a collaboration agreement under which Transgene designs five innovative oncolytic viruses based on the Invir.IO™ platform.

AstraZeneca has exercised a first license option for an oncolytic virus in December 2021.

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Environmental and social responsibility (ESG)

To develop innovative treatments against cancers for which there is no satisfactory treatment.

Our mission carries the values of ESG in itself. Transgene has always paid particular attention to ESG and has always promoted the values of humanism, citizenship and respect for the environment.

Transgene's ESG strategy is based on six commitments to:

- patients
- partners
- employees
- shareholders and investors
- society and territories
- the **planet**



Strasbourg, France Listed on Euronext Paris



Learn more about Transgene