



Press Release

Advanced BioDesign to present preclinical proof of concept of ABD-0171 in MSS colorectal cancer at the AACR Annual Meeting 2025

Lyon, March 28th - Advanced BioDesign announced today it will present updated results of its second generation of ALDH1 inhibitor, ABD0171, at the upcoming AACR conference in Chicago, Illinois. The poster presentation will provide proof of concept of the strong synergistic effect of ABD0171 in combination with anti-PD-1 therapy in microsatellite stable (MSS) colorectal cancer, a subtype representing 80% of colorectal cancers, known for its poor responsiveness to immunotherapy. .

The combination therapy effectively reshapes the tumour immune microenvironment by reducing key immunosuppressive cell populations, thereby enhancing anti-tumour immunity and restoring responsiveness to immunotherapy. Additionally, Advanced BioDesign identified a potential plasma biomarker predictive of therapeutic response, further highlighting ABD0171's promise in addressing this critical unmet medical need.

Details of the poster presentation at AACR 2025 are:

Late-breaking abstract title: [Selective and novel ALDH1 inhibitor enhances immune checkpoint blockade therapy in preclinical models of MSS colorectal cancer](#)

Session: PO.IM01.09 Overcoming Checkpoint Inhibition and Tumor Suppression

Abstract number: 73026

Presenter: Akinchan Kumar, Luxembourg Institute of Health, Luxembourg City, Luxembourg

Authors: Akinchan Kumar, Andrada Constantinescu, Ismail Ceylan, Mileidys Perez-Alea, Bassam Janji

Date: Wednesday, April 30th, 2025

Time: 9:00 am - 12:00 pm EST

Location: Poster Section 39

About Xerys Invest

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**About Advanced BioDesign**

Advanced BioDesign is a French biotechnology company developing an innovative new therapeutic approach against resistant cancers, with a first indication in acute myeloid leukemia (AML). Its first drug candidate, ABD-3001, is a first-in-class "suicide" inhibitor of class 1 aldehyde dehydrogenases (ALDH1). In January 2022, Advanced BioDesign obtained authorization from the French Agence Nationale de Sécurité du Médicament (ANSM) to launch its first human clinical trial, ODYSSEY, which began in November 2022. Based in Lyon, Advanced BioDesign is supported and accompanied by Xerys Invest funds, which have been financing its research and development programs since 2013.

For more information: <https://www.a-biodesign.com>; LinkedIn [@Advanced BioDesign](#)

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