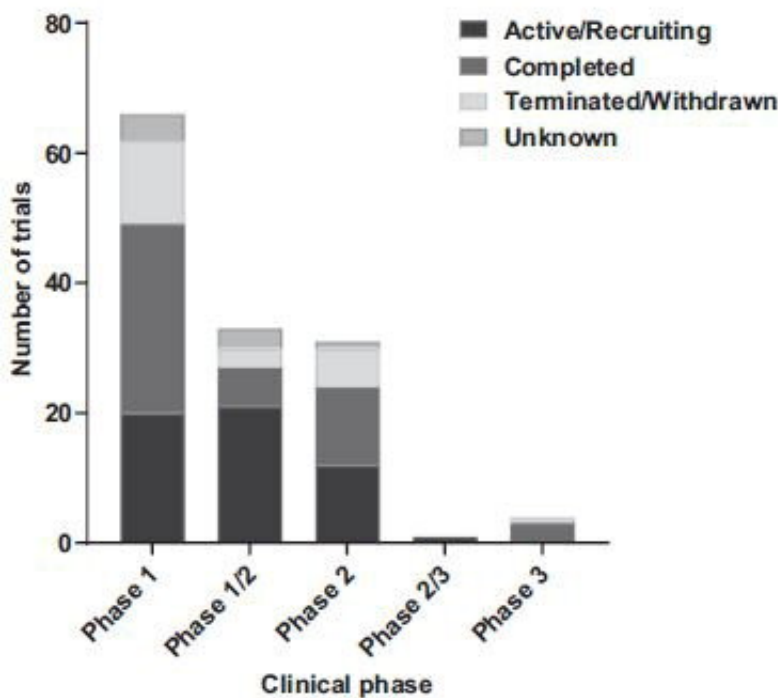


Gene and cell therapies to combat pancreatic cancer

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GTMP clinical trials for pancreatic cancer depending on phase and trial status. Source: Clinical trial.gov. GTMPs, gene therapy medicinal products. Credit: *Human Gene Therapy* (2022). DOI: 10.1089/hum.2022.210

Pancreatic cancer is an incurable form of cancer, and gene therapies are currently in clinical testing to treat this deadly disease. A comprehensive review of the gene and cell biotherapies in development to combat

pancreatic cancer is published in the peer-reviewed journal *Human Gene Therapy*.

The article titled "Pancreatic Cancer Cell and Gene Biotherapies: Past, Present and Future," contributed by corresponding author Pierre Cordelier, from the University of Toulouse, and coauthors, describes the ongoing gene therapy clinical trials. In addition to gene therapies, the authors discuss vaccines, [chimeric antigen receptor](#) (CAR)-T cell therapy, suicide genes, and oncolytic viruses

"Breaking the code of pancreatic tumors rather than using brute force will help in defeating this currently incurable disease," state the authors.

"There is no greater unmet medical need in the field right now than [pancreatic cancer](#)," says Editor-in-Chief Terence R. Flotte, MD, Celia and Isaac Haidak Professor of Medical Education and Dean, Provost, and Executive Deputy Chancellor, University of Massachusetts Chan Medical School. "This review provides a basis for understanding the lessons learned from past cell and [gene therapies](#) for pancreatic cancer, thereby informing the potential for future clinical progress."

More information: Lorraine Quillien et al, Pancreatic Cancer Cell and Gene Biotherapies: Past, Present, and Future, *Human Gene Therapy* (2022). [DOI: 10.1089/hum.2022.210](https://doi.org/10.1089/hum.2022.210)

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