

Factsheet



ACRONYM	EXPERT
FULL TITLE	EXpanding Platforms for Efficacious mRNA Therapeutics
PROGRAMME	SC1-BHC-09-2018 – Innovation platforms for advanced therapies of the future
CONTRACT NUMBER	825828
ABSTRACT	<p>EXPERT aims at developing a new off-the-shelf delivery system for RNA-based nanomedicines to treat cancer and cardiovascular disease. In the long term, the platform technology could be used for improving diagnostic and therapeutic options for patients with several other diseases. With the first two fields of application in breast cancer and heart failure, the European research project EXPERT addresses two of the most pressing healthcare challenges in European society today. The 11 international partners from academia and industry collaborate to develop a platform-based delivery system for mRNA nanomedicine to tackle the bottlenecks that therapeutic mRNA application is currently facing. The complementary expertise of the partners spans the entire development track from nanoparticle design via Good Manufacturing Practice (GMP)-based production to clinical expertise. As proof-of-concept, the partners aim at a first clinical study focusing on metastatic triple-negative breast cancer within the project duration of five years.</p>
DURATION	66 months (01/09/2019 – 28/02/2025)
PROJECT FUNDING	14,931,337.50 €
COORDINATOR	<p>Prof. Raymond Schiffelers Universitair Medisch Centrum Utrecht, The Netherlands Email: R.Schiffelers@umcutrecht.nl</p>
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