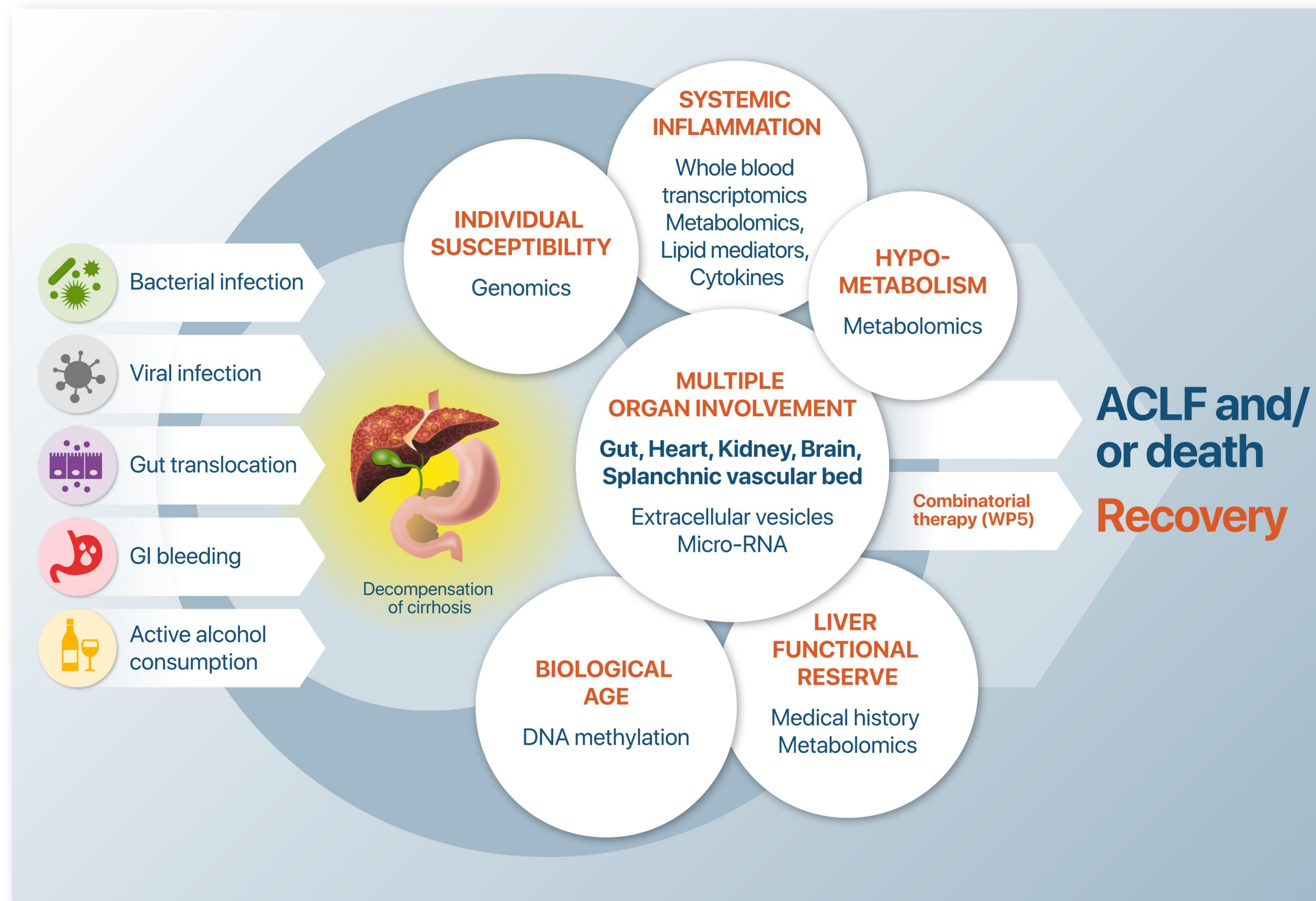


The DECISION project

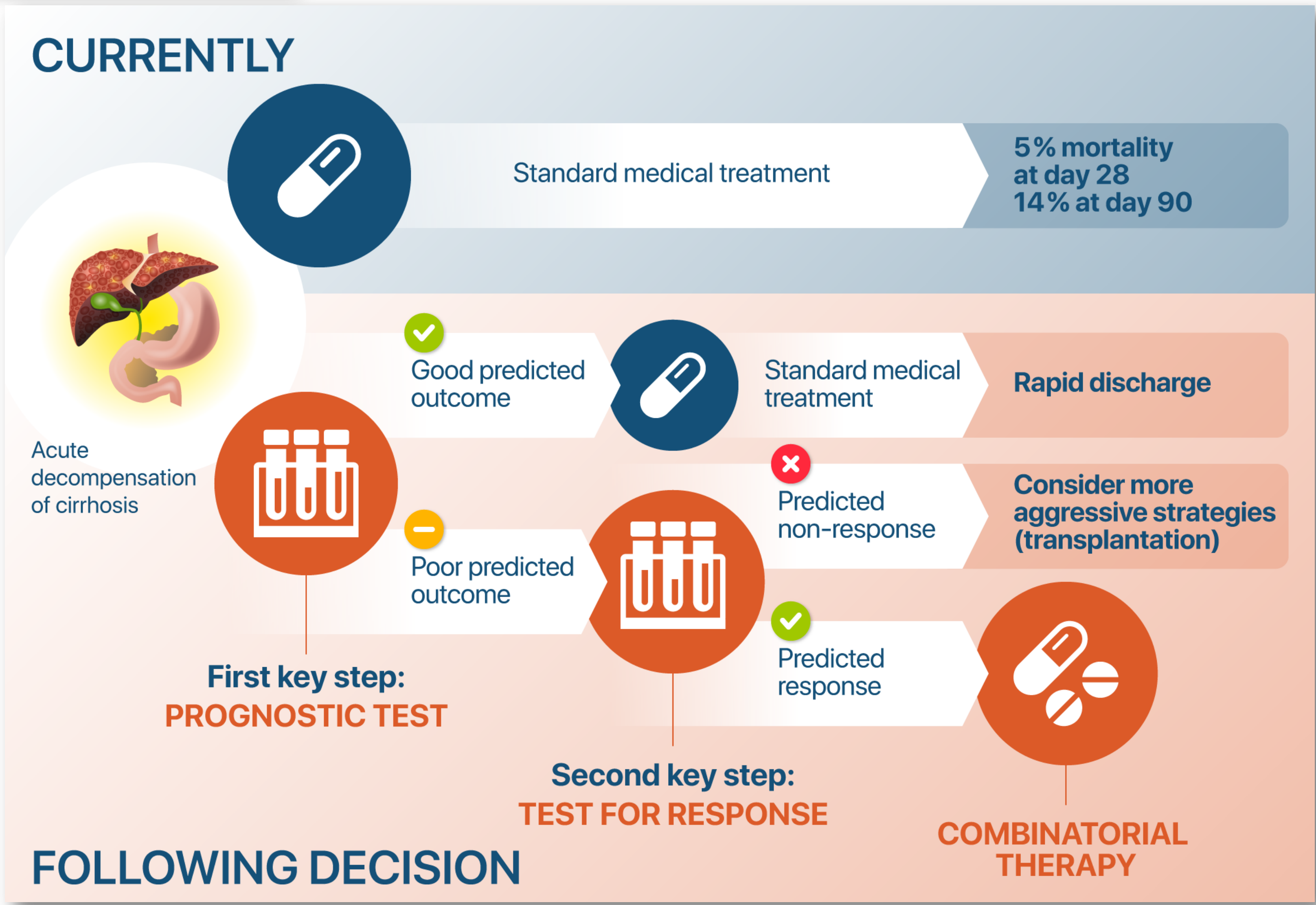
DECOMPENSATED CIRRHOSIS: IDENTIFICATION OF NEW COMBINATORIAL THERAPIES BASED ON SYSTEMS APPROACHES

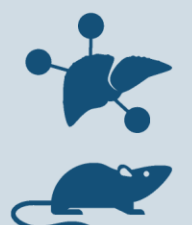
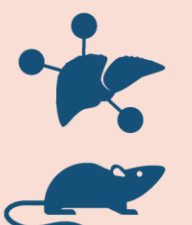




New pathophysiological concepts of DECISION

DECISION tests in the management of patients with acute decompensation of cirrhosis



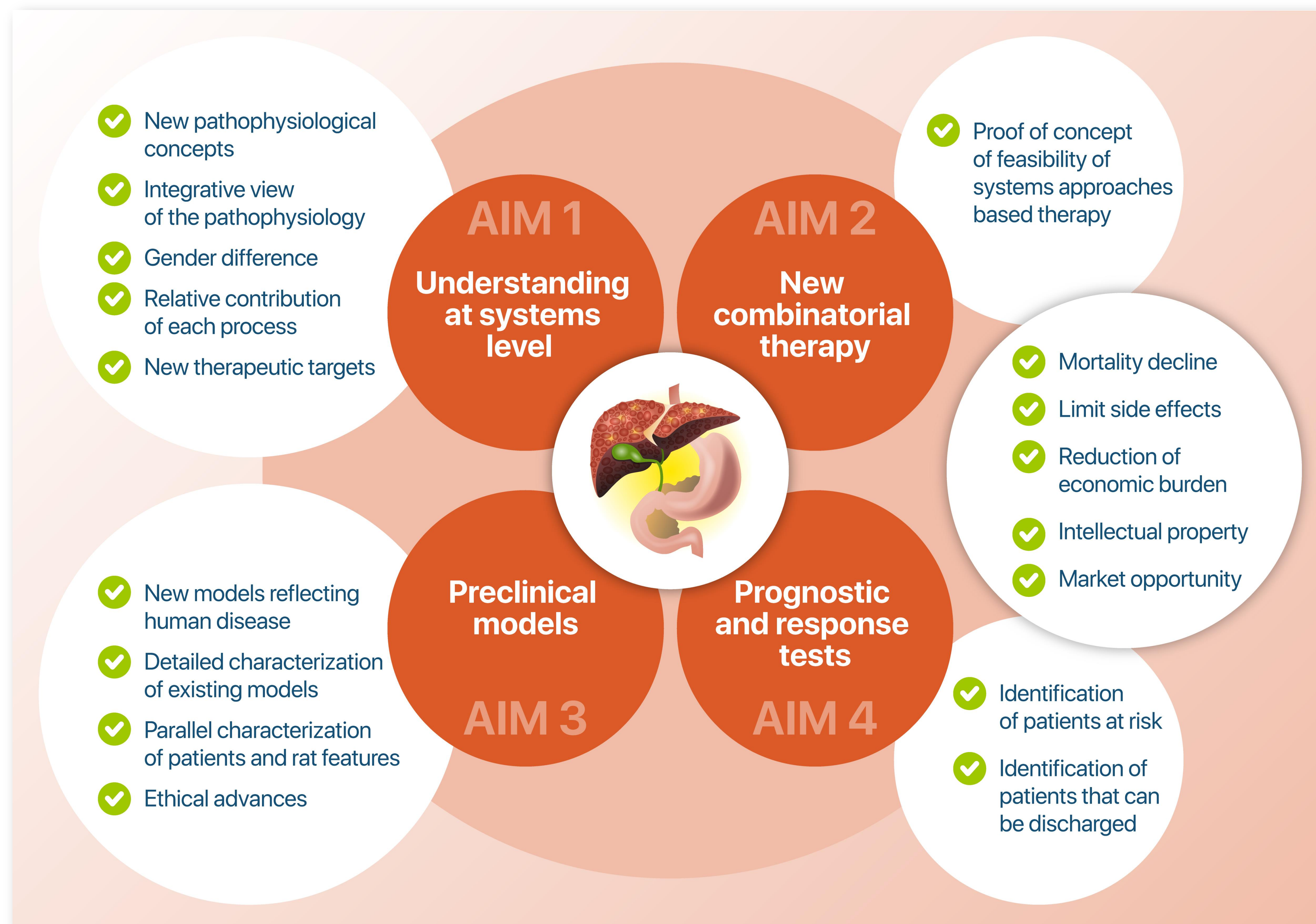
	Current models	Models and characterization brought by DECISION
UNDERLYING CIRRHOSIS	 Preclinical models of decompensation of cirrhosis Young male rats CCL4 BDL	 Preclinical models of decompensation of cirrhosis (WP4) Male and female, young and old rats CCL4 BDL NASH Alcoholic
PRECIPITATING EVENT	ONE HIGH DOSE LPS	STERILE INFLAMMATION (2 x LPS) ALCOHOLIC BINGE LUNG INFECTION (Intratracheal infection) PERITONITIS (Cecal ligation and puncture)
CHARACTERIZATION	Individual organ assessment: Liver Brain Kidney Cardio-vascular	Profiling: + targeted metabolomic + customized micro-array Simultaneous multi-organ assessment: Liver Brain Kidney Cardio-vascular Coagulation Respiration Comprehensive analysis of human data (WP1-3) Test new combinatorial therapy (WP5)

Animal models of decompensation in cirrhosis leading to ACLF: progress proposed by DECISION

The DECISION project



DECOMPENSATED CIRRHOSIS: IDENTIFICATION OF NEW COMBINATORIAL THERAPIES BASED ON SYSTEMS APPROACHES



Impact

DECISION consortium



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 847949. This reflects only the view of the authors, and the European Commission is not responsible for any use that may be made of the information it contains.

Follow DECISION on twitter:
www.twitter.com/Decision4Liver

