



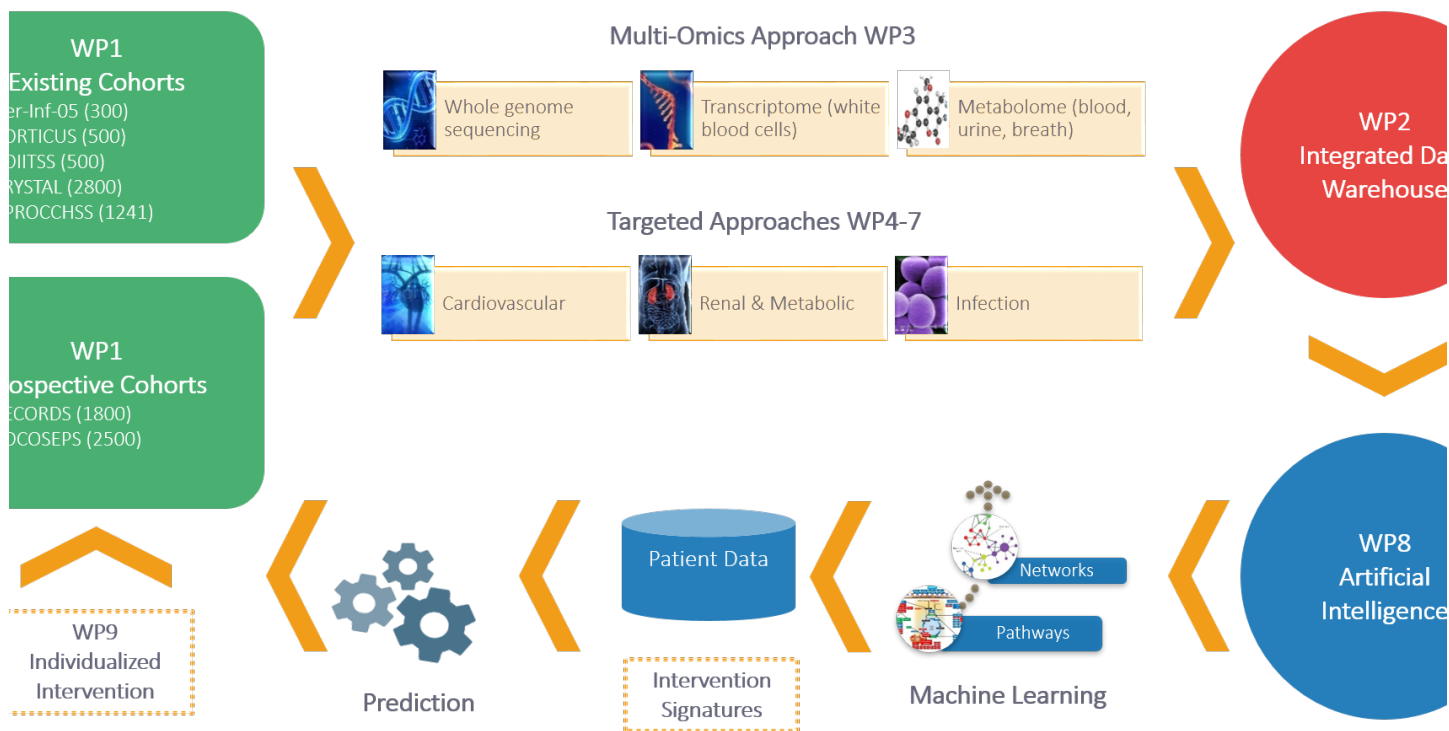


Persona

ROAD MAP

To this day, no diagnosis test has been validated to recognize early sepsis, or to guide sepsis management. The FHU SEPSIS aims at developing novel point-of-care tests in order to promptly identify signs of sepsis and enable targeted and personalized interventions.

We will undertake **multi-omic** (blood, urine, breath) and **systemic** (hemodynamic, renal, metabolic, immune, anti-infectious) approaches in patients included in **existing and novel cohorts (children/adults)**. The collected data will be hosted in **clinical and biological data warehouse**, and analyzed by **AI systems** in order to extract **patient signatures**. Our overall aim is to individualize treatments according to patients' signature.



Ten Work Packages (WP) were created:

WP1 Cohorts and clinical trial platforms	WP2 Integrated data warehouse	WP3 Multi-omics platform
WP4 Individualized hemodynamic management	WP5 Individualized renal and metabolic management	WP6 Individualized immune management
WP7 Individualized anti-infectious therapies	WP8 Artificial Intelligence	WP9 POC platform
WP10 Epidemiological platform		