

# Jornada sobre Biología Computacional, Ciencia de datos e Inteligencia Artificial. 3 de Julio de 2023

- **Research line 1: COVID-19/Long COVID-19**
- **Research line 2: Progression of liver disease**

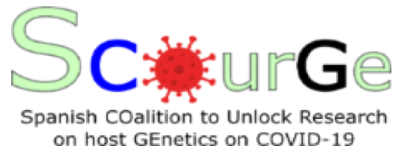
Matilde Bustos

David Carneros Trujillo

M<sup>a</sup> Ángeles Rodríguez Hernández

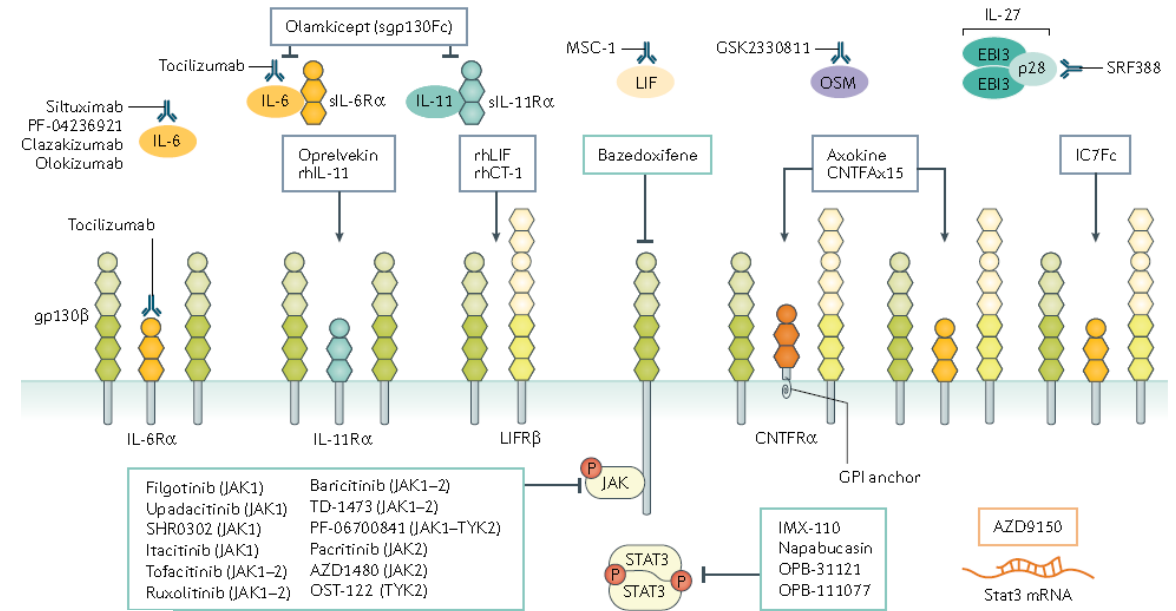
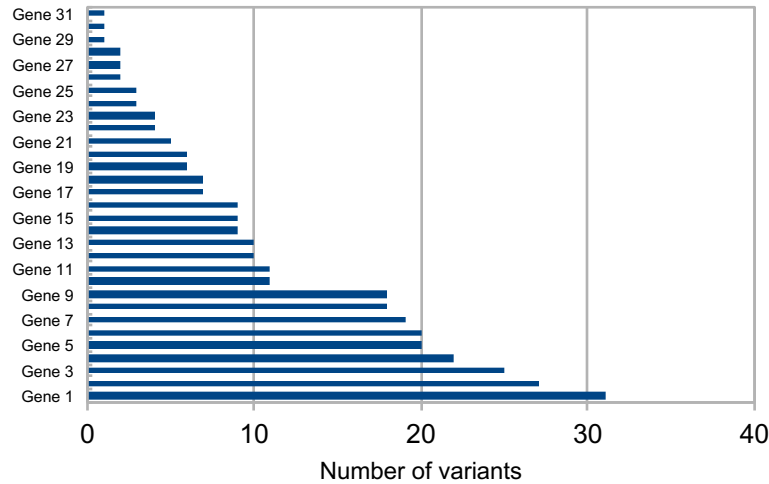
# • Research line 1: COVID-19/Long COVID-19

Role of SNPs in genes related to gp130 ligands signalling in the outcome of COVID-19, long-COVID and post-acute sequelae of SARS-CoV2

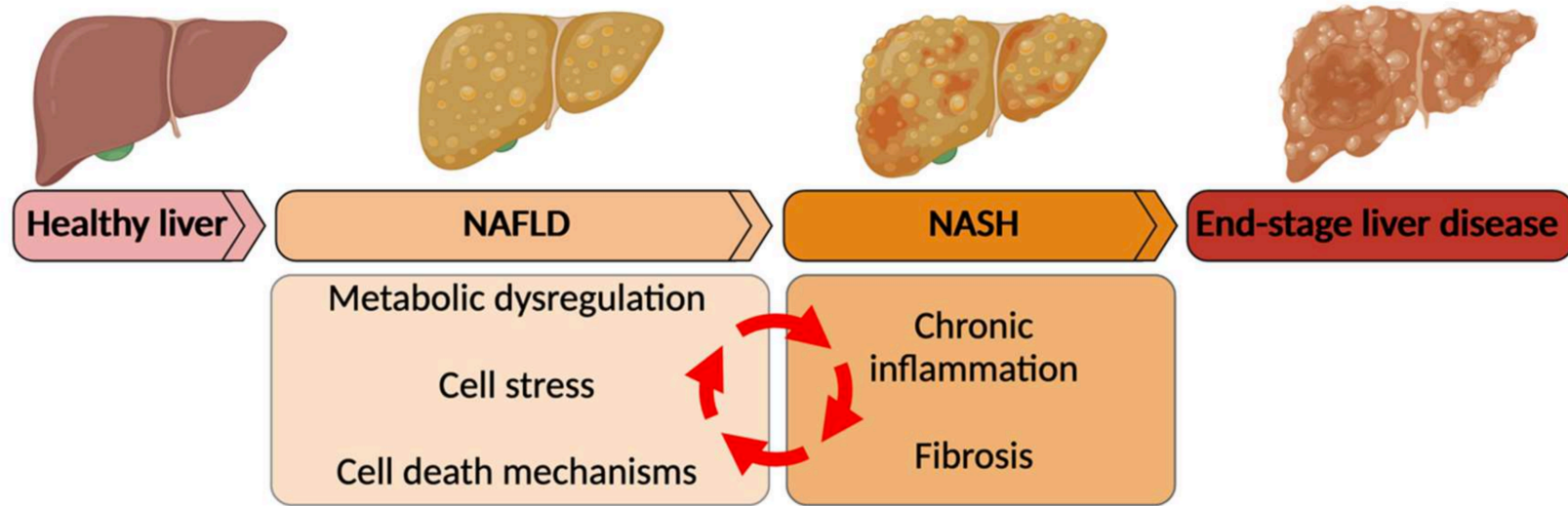


GWAS variants distribution

- Public database
- Algorithms
- Prediction model
- Drug repository



- **Research line 2: Progression of liver disease**



### **Hepatic Metabolism:**

- Gene mutations
- Single cell sequencing (IBiS facilities)

} Bioinformatic data analyses