

IDEA / PROPOSAL:

Obesity is a fast-growing global epidemic. Treatments often fail, leading to "yoyo dieting" or weight cycling, which reverses the health benefits of weight loss and increases risks. We aim to establish a weight cycling disease model in zebrafish, using a multi-omics approach to reveal new molecular targets, and multigenerational metabolic effects for tomorrow's tools on diagnosis, drug discovery, and treatment of this humanity's challenge.

RESEARCHER NAME

Diogo Ferreira Martins

CONTACT

dmartins@ciimar.up.pt