**TP1 ‑ Shotgun analysis of bacterial species in feces from patients with Hirschsprung’s disease.**

Hirschsprung’s disease (HD) is a congenital syndrom where the distal part of the intestine do not present neurons. Hence, these patients present ,after birth, with several complications including bowel obstruction and/or functional gastrointestinal disorders. These patients undergo surgery to remove the diseased part of the intestine.

These patients present with complications that vary amongst individual. However, we do not know if the microbiota would impact the disease outcomes. Here, we want to address wether the microbiota of these patients is similar or different.

Feces from patients were collected at the time of surgery. After DNA extraction from the feces, a shotgun sequencing was perform and analysed. The results are concatenated in a .csv sheet containing abundances from about 16000 species over 35 patients. Of note, raws include number of reads and counts per sample.

**Goals:**

To estimate functional interactions from co-occurrence diagrams amongst the patients.