Colon mucosa with *Salmonella* infection
Inject *Salmonella* effector into cells through type III secretion system

- Cytokine: IFN-γ, TNF-α, IL-6, 8, 9...
- Abnormal gene expression
  - Activation of signaling pathways
  - Blocking of signaling pathways
  - Blocking of Metabolism pathways

Immune and Inflammatory response, Cell proliferation, cell apoptosis, cell death, and developmental disorder

Metabolic, Infectious and inflammatory diseases