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MISTIFY PROJECT. ECOLOGY OF SALMONELLA TYPHIMURIUM INFECTION: A MATHEMATICAL MODELING INSIGHT

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► **To cite this version:**

Simon Labarthe, Simon Labarthe Maiage. MISTIFY PROJECT. ECOLOGY OF SALMONELLA TYPHIMURIUM INFECTION: A MATHEMATICAL MODELING INSIGHT. Annual meeting of Agreenskills program, Apr 2019, Bruxelles, Belgium. hal-03352429

HAL Id: hal-03352429

<https://hal.inrae.fr/hal-03352429>

Submitted on 23 Sep 2021

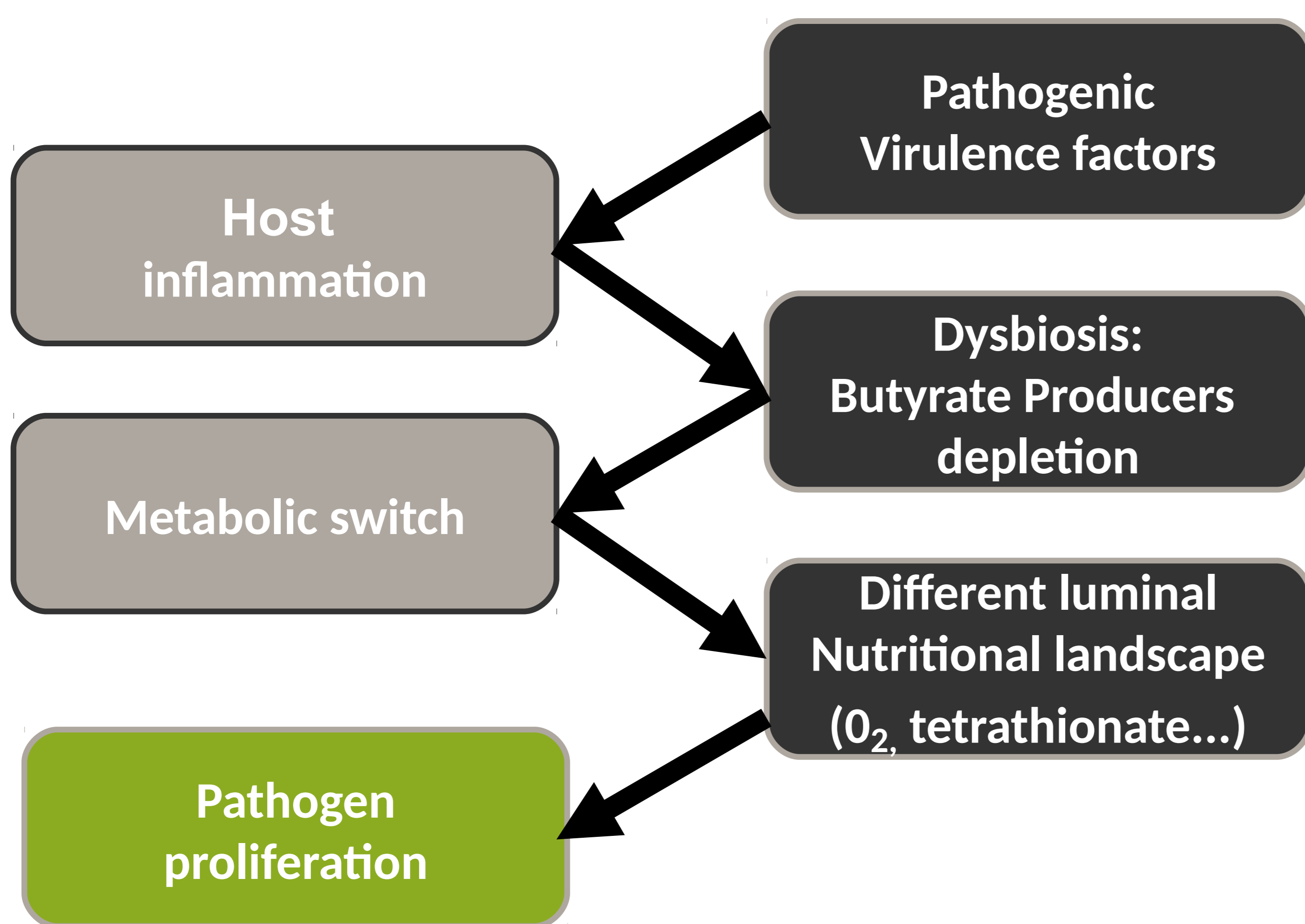
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BIOLOGICAL CONTEXT:

- Salmonella infection is the most common vector of collective food poisoning in the developed world. Deciphering the mechanisms of infection is a key step towards **epidemiological policies** against Salmonella zoonoses.

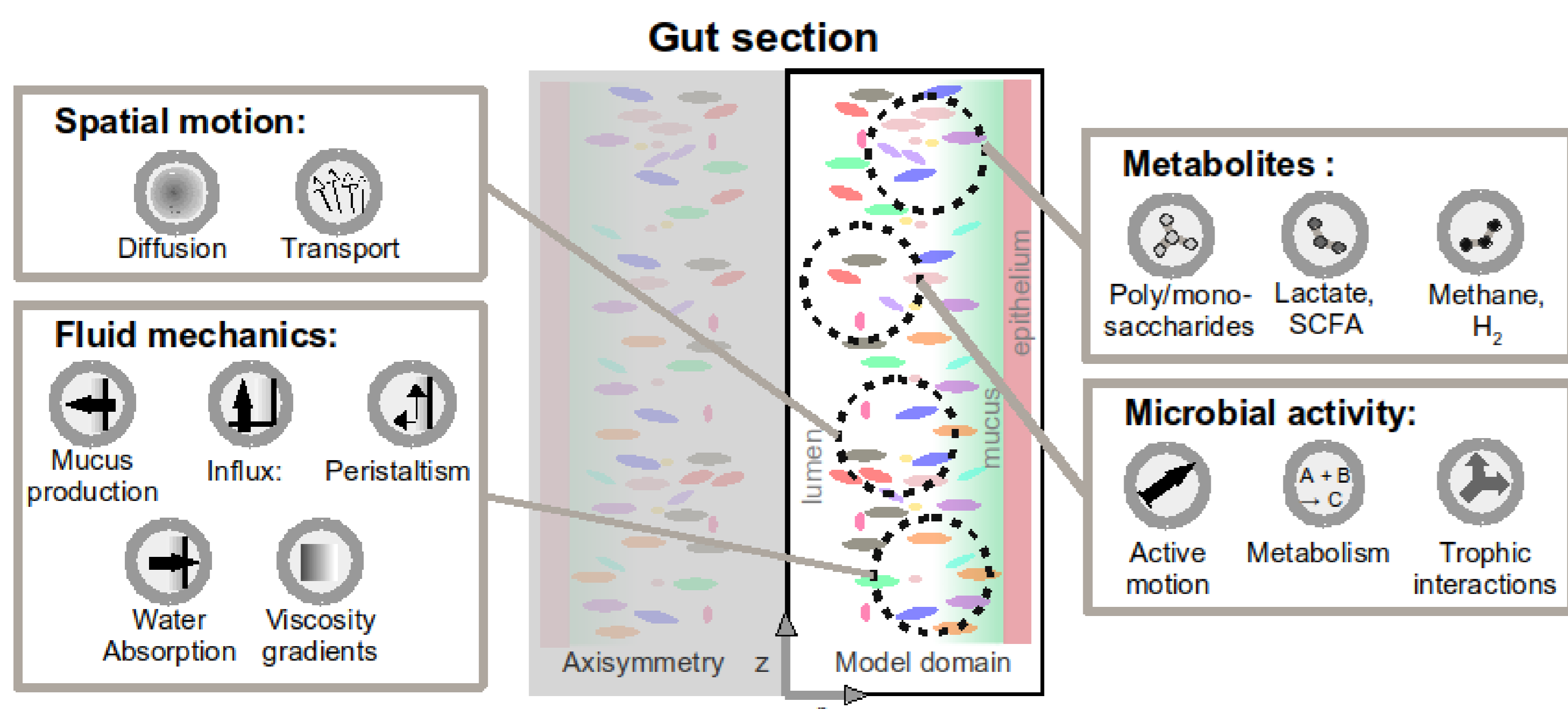
- **Infection mechanism:**



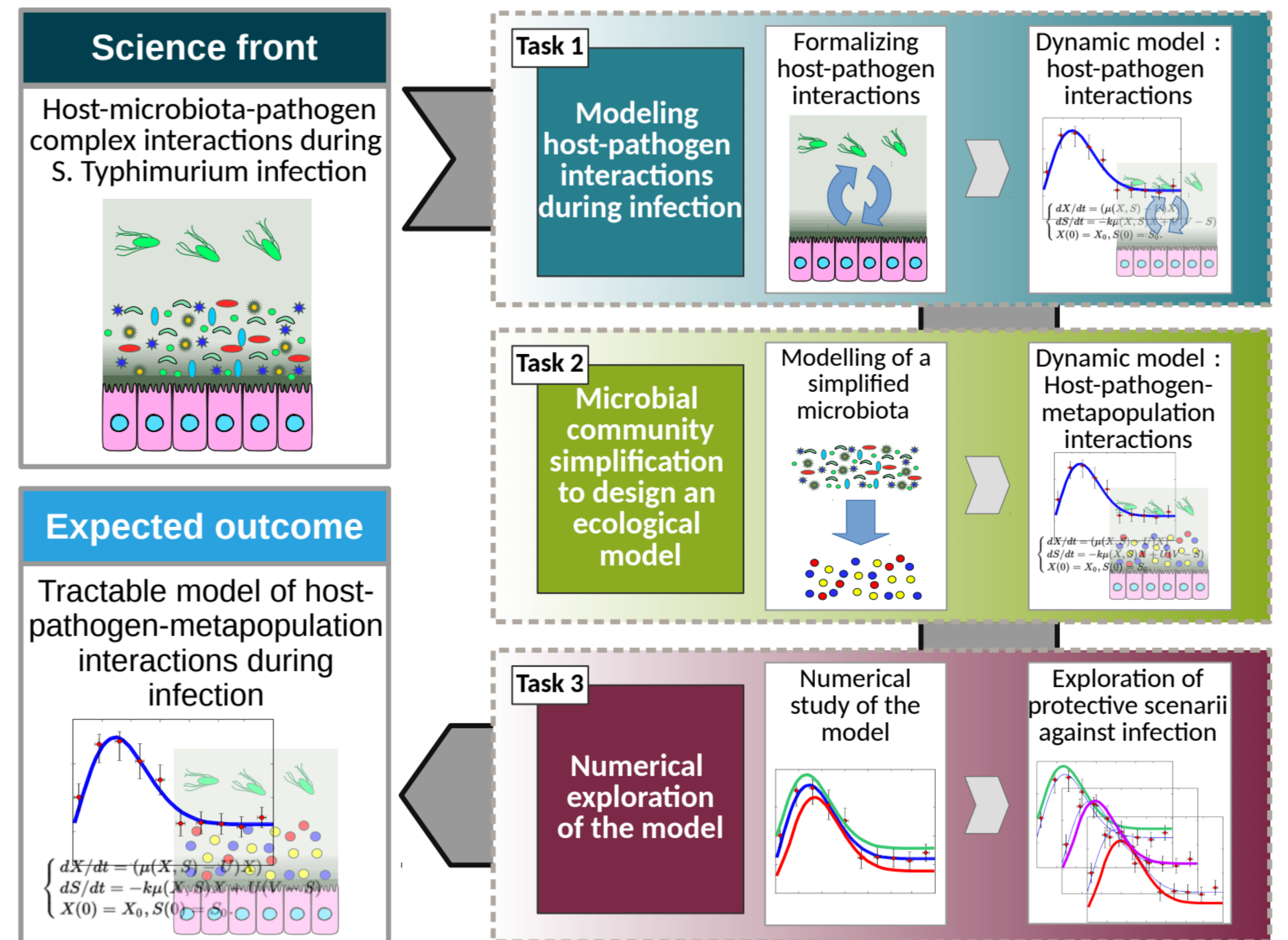
- **Goal:** “whole pathobiome” model to decipher the mechanisms of infection, and characterize the infection mechanisms, together with competition with commensals.

MATHEMATICAL MODEL TYPE:

Modeling the ecology of *Salmonella* infection



PROJECT OVERVIEW:



PRELIMINARY RESULTS:

