The AHOL (Animal Health Ontology for Livestock) ontology for integrating data on the main diseases of farmed animals; an example for the rabbit sector

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### > What is an ontology?

- An ontology is a way to organize knowledge and represents a set of concepts with the logical relations between these concepts
- AHOL Animal Health Ontology for Livestock categorizes and organizes information on:
  - diseases
  - symptoms
  - affected species
  - pathogens



## > A quick tour...

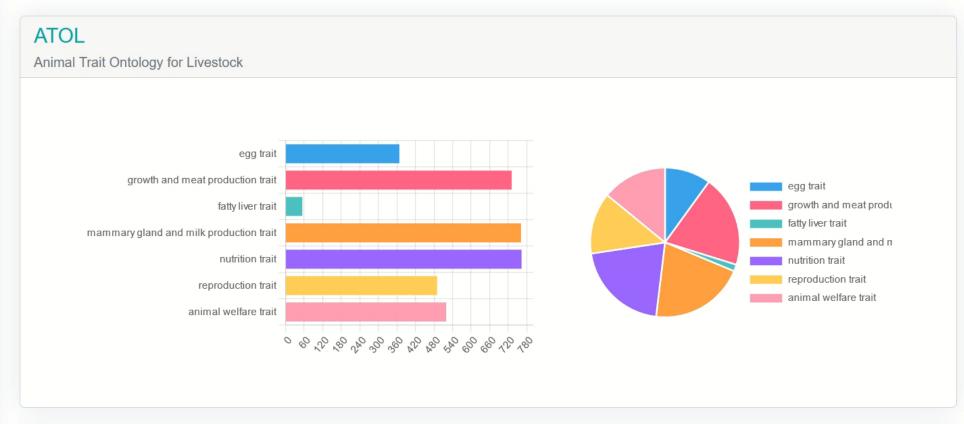


Search QI

Databases Releases ▼



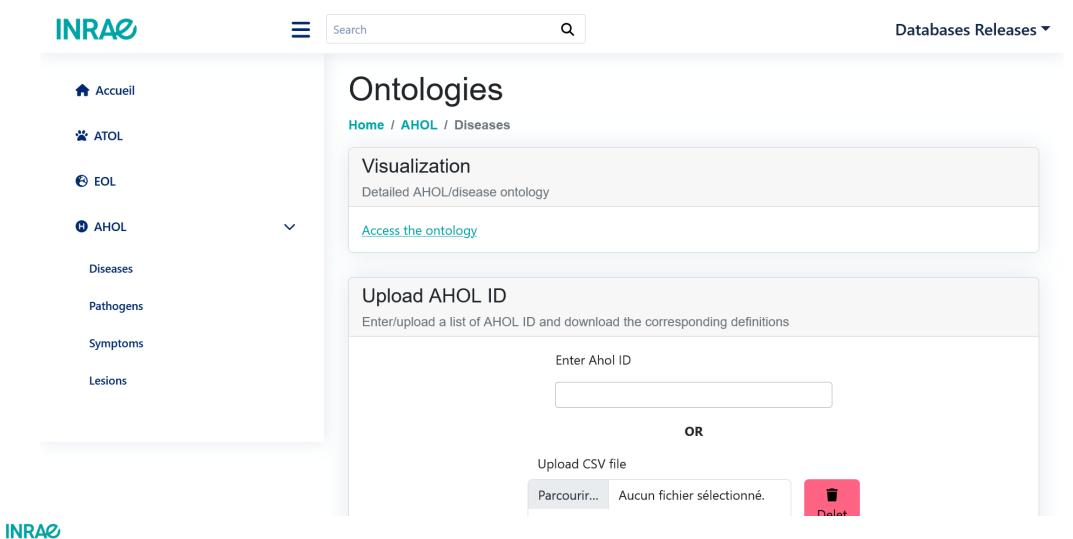
Home





#### Website

https://www.umrh.inrae.fr/ontologies/visualisation/public/

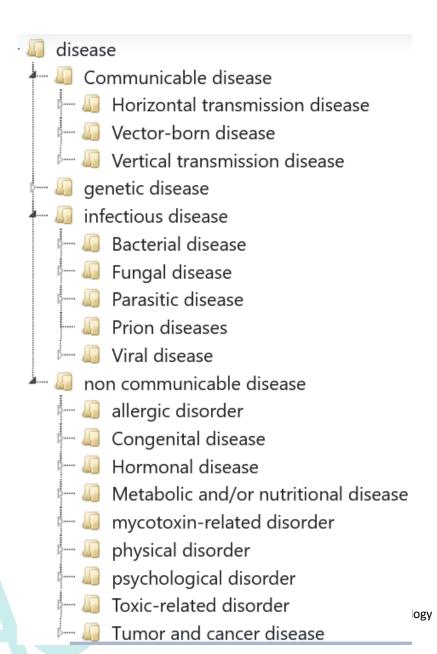


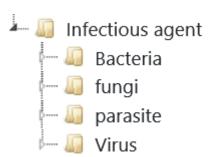


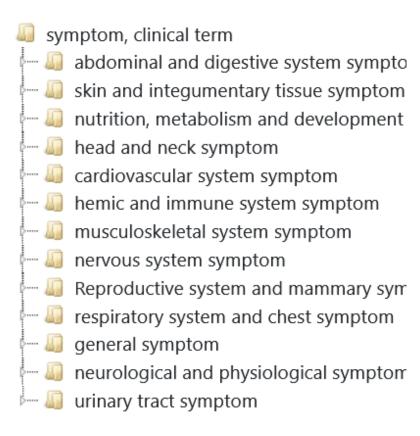
#### Diseases section

# Pathogens section

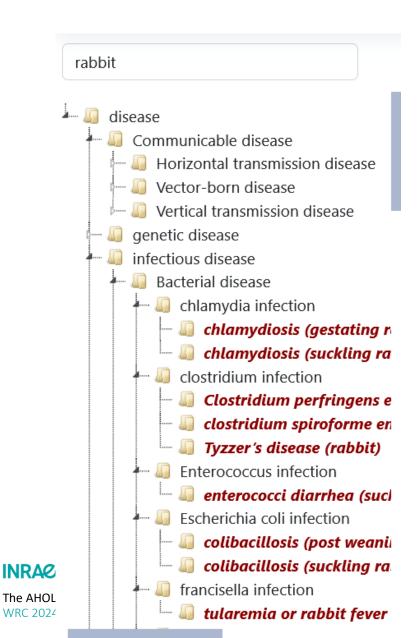
# Symptoms section

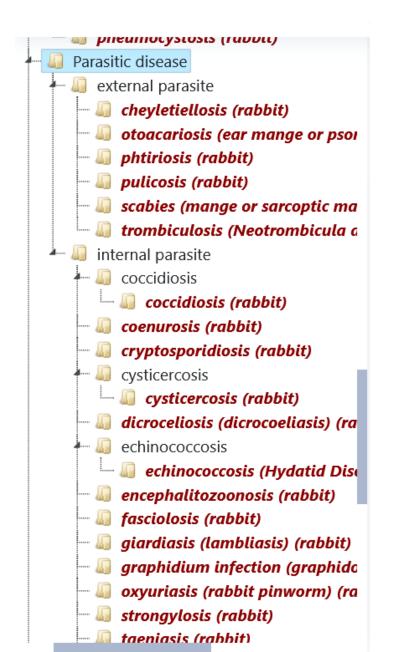




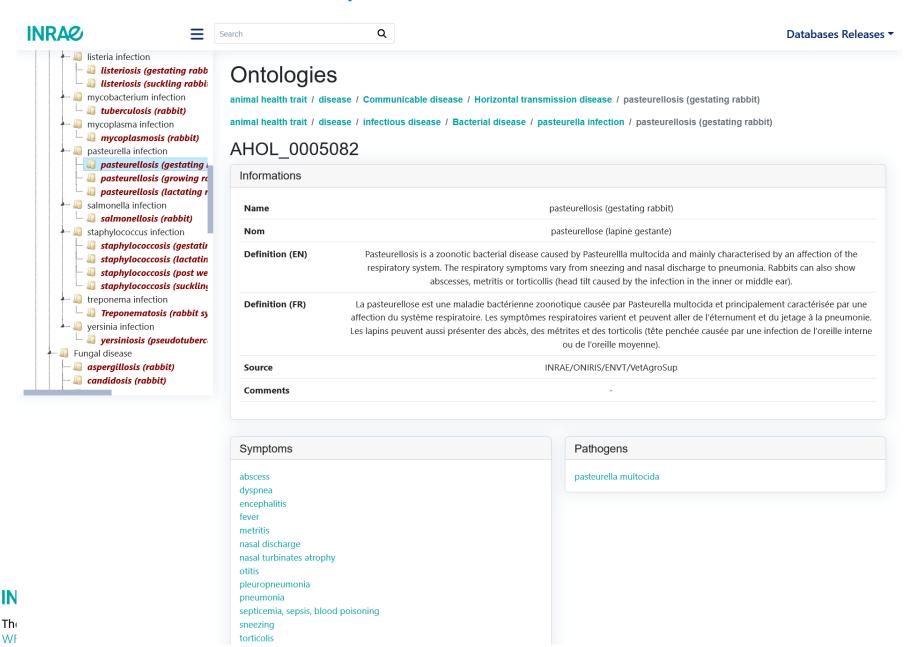


#### > With « rabbit » on the search bar in the Disease section

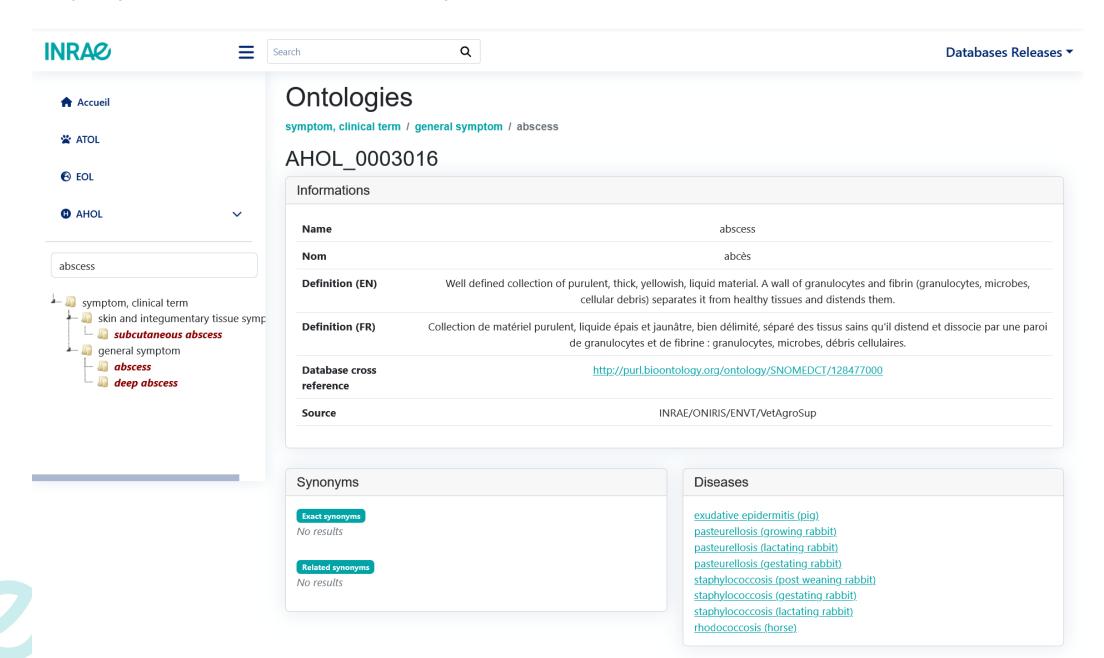




### Disease section: Example of Pasteurellosis



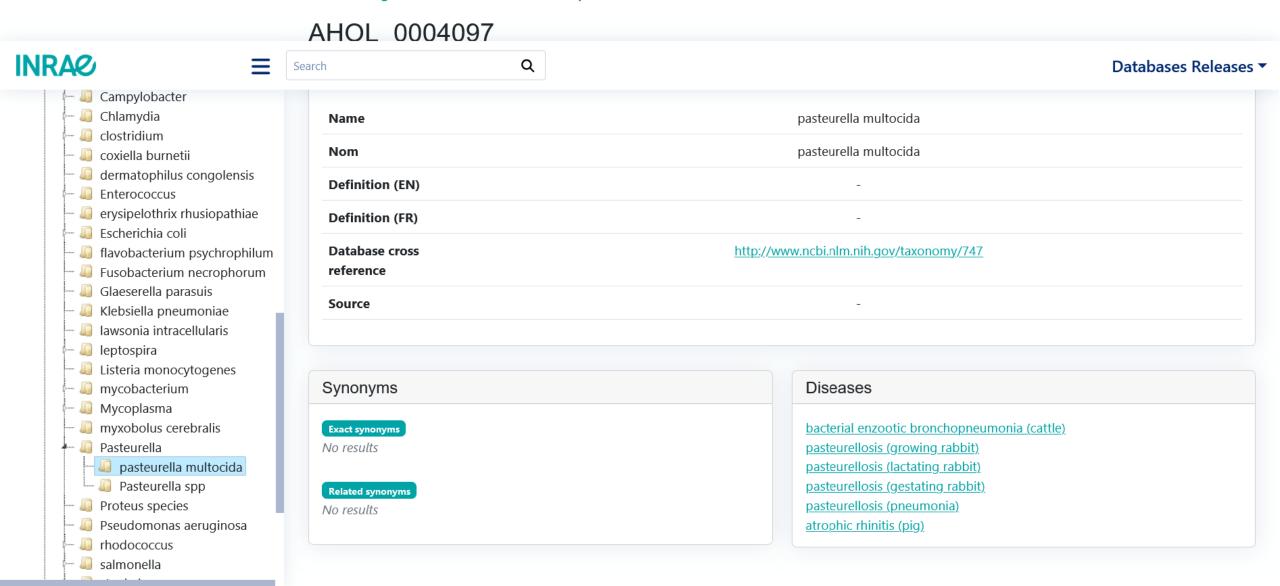
# > Symptoms section: Example of abscess



# > Pathogens section: Example of Pasteurella multocida

#### Ontologies

Infectious agent / Bacteria / Pasteurella / pasteurella multocida



### > Functionnality and use

https://www.umrh.inrae.fr/ontologies/visualisation/public/

Interconnected sections

Search bar

Extract information

- Common vocabulary, metadata
  - Scientific publication
- Pedagogical tools
- Health management
  - Doesn't replace veterinary consulting

### > Work still evolving....

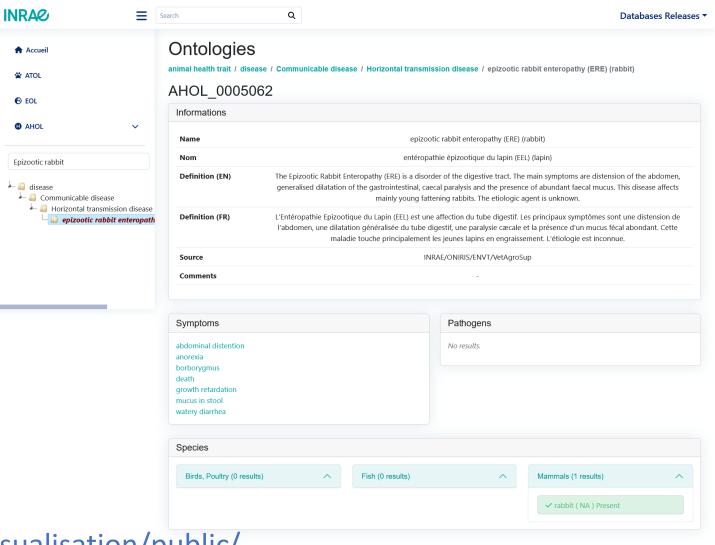
Continually adapted and extended

You want to add a disease?

You want to complete a definition?

... Please contact me

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