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Florilege : a database gathering microbial phenotypes of food interest

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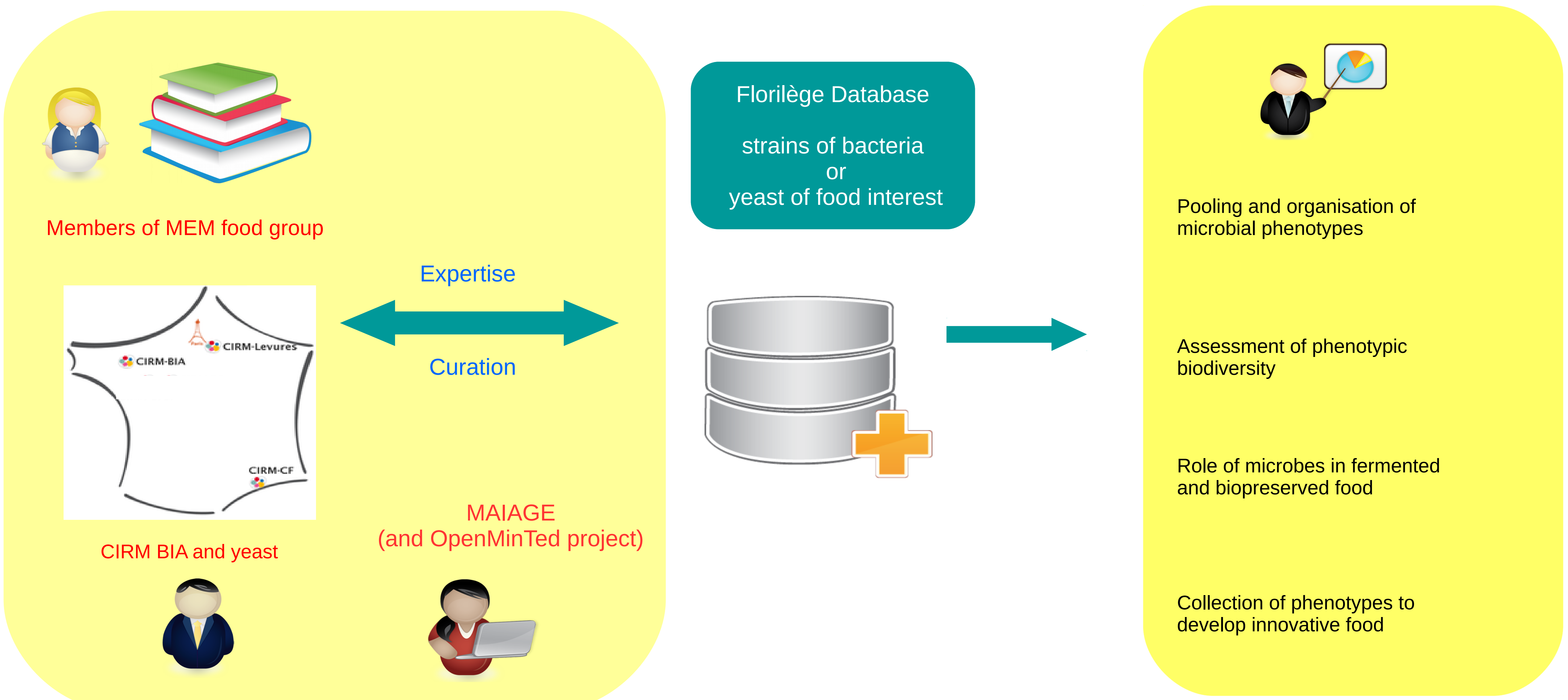
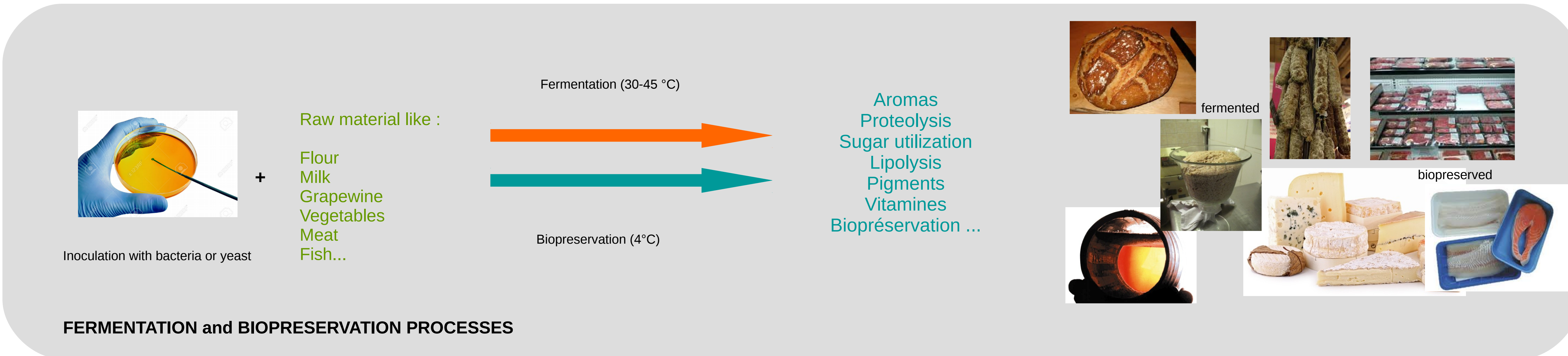
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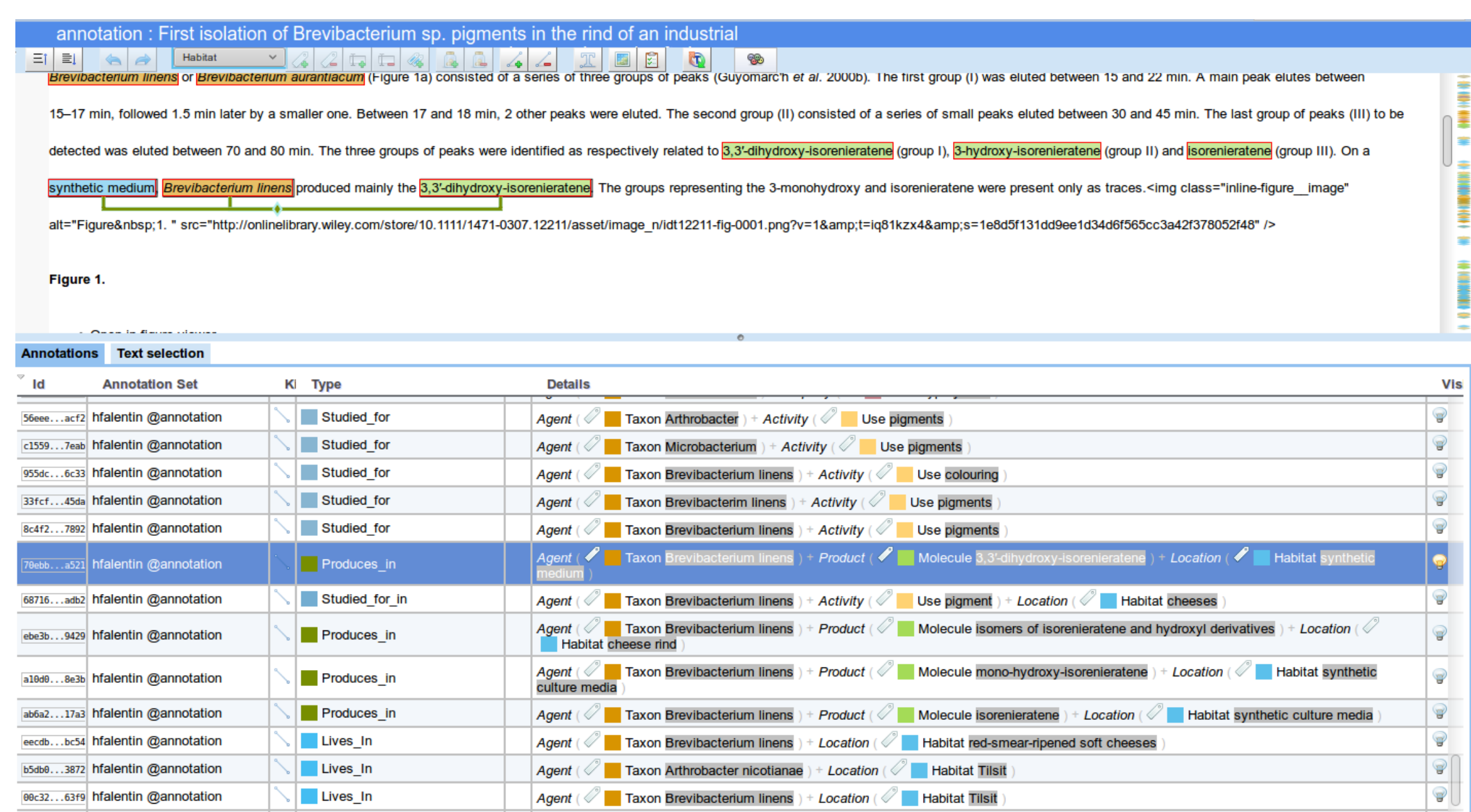
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FLORILÈGE: A DATABASE GATHERING MICROBIAL PHENOTYPES OF FOOD INTEREST

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SCHEMATIC VIEW of Florilège project



Manual annotation interface (AlvisAE tool) to provide training and evaluation data to text-mining systems.

Previous work :
 List of bacterial species and strains providing habitat and phenotype concepts (OntoBiotope Ontology)

Already done:
 List of microbial phenotypes of food interest
 Machine learning with AlvisNLP
 Identification in scientific papers :
 > 368 phenotypes
 > 260 synthesised or degraded molecules
 > 1076 medium or food products
 > 1181 bacterial taxons
 First release of a database with text-mining extraction gathering taxons, media and food products

On going:
 Review of OntoBiotope Habitat Ontology (on particular for cheese and bread)
 > Second Release of database including phenotypes

To be done:
 For efficient request on database
 > Review of OntoBiotope Phenotype Ontology with addition of yeast phenotypes

