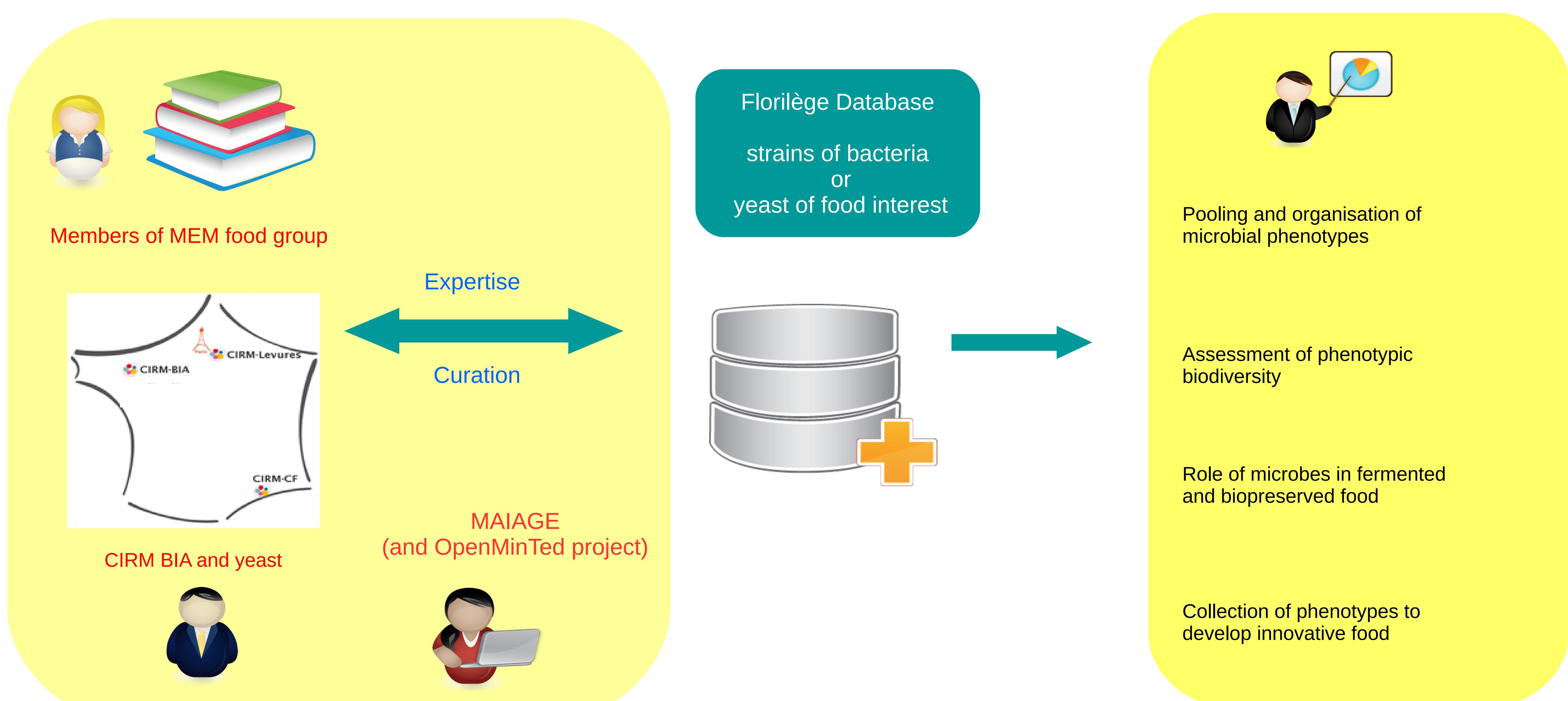
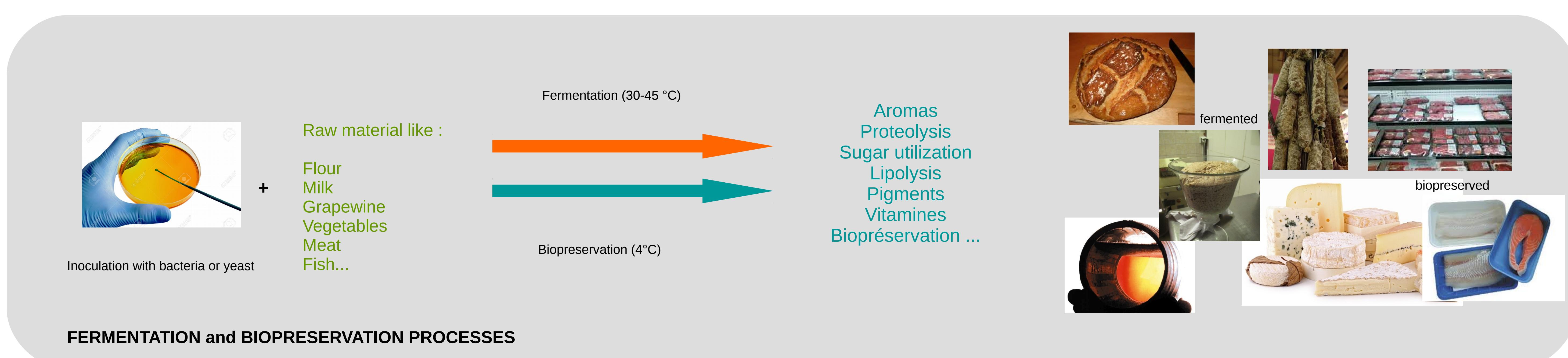


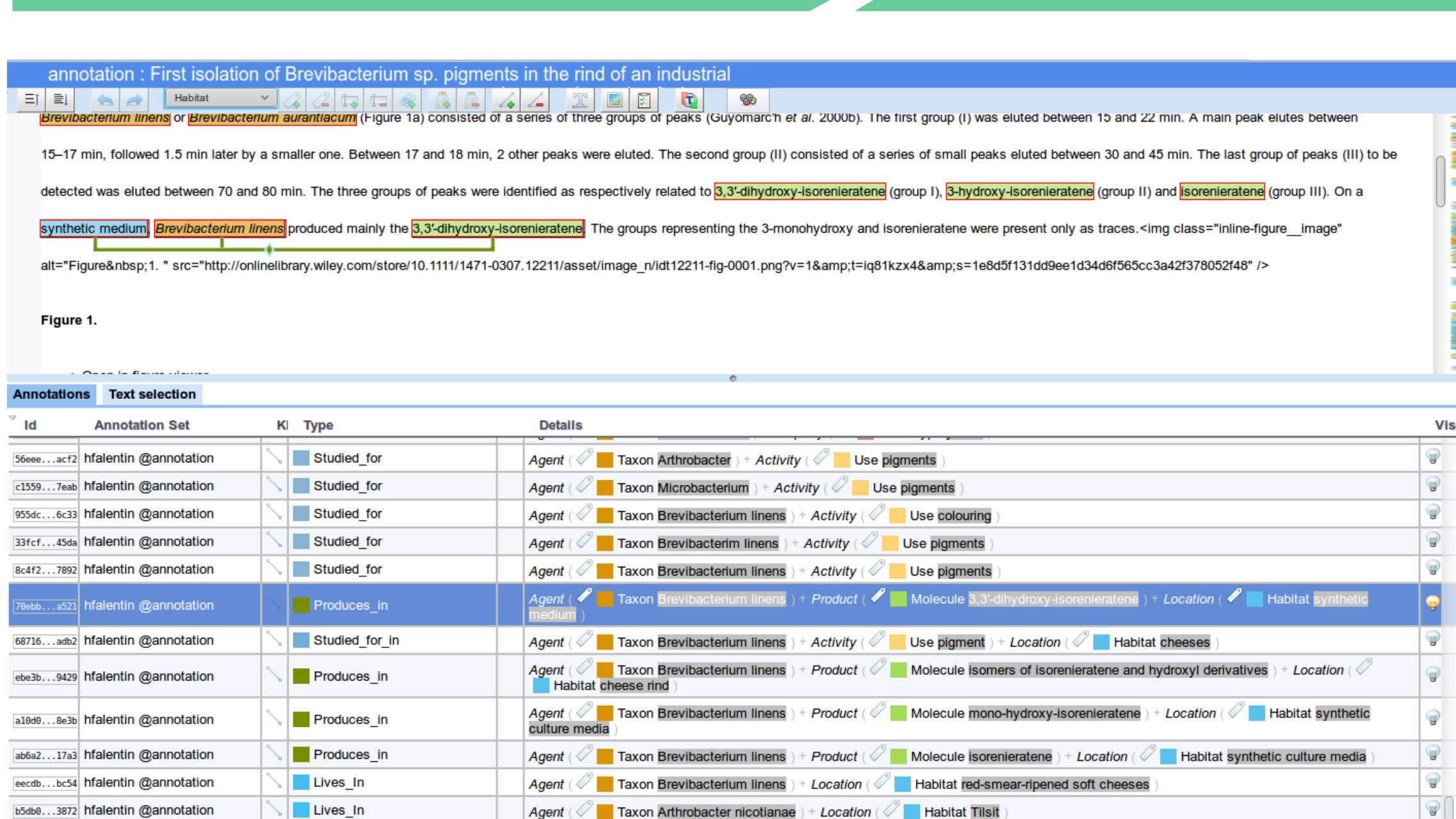
# FLORILÈGE: A DATABASE GATHERING MICROBIAL PHENOTYPES OF FOOD INTEREST

FALENTIN HÉLÈNE<sup>(1)</sup> CHAIX ESTELLE<sup>(11)</sup> DRIDI BEDIS<sup>(7)</sup> BESSIERES PHILIPPE<sup>(11)</sup> BUCHIN SOLANGE<sup>(5)</sup>  
 DEUTSCH STEPHANIE-MARIE<sup>(1)</sup> WEBER MAGALIE<sup>(2)</sup> BOSSY ROBERT<sup>(11)</sup> DEROZIER SANDRA<sup>(11)</sup>  
 PERRET BRUNO<sup>(4)</sup> AUBIN SOPHIE<sup>(10)</sup> DELEGER LOUISE<sup>(11)</sup> DIBIE JULIETTE<sup>(12)</sup> DELBES CELINE<sup>(6)</sup>  
 IRLINGER FRANCOISE<sup>(4)</sup> VALENCE FLORENCE<sup>(8)</sup> CASAREGOLA SERGE<sup>(9)</sup> THIERRY ANNE<sup>(1)</sup>  
 ZAGOREC MONIQUE<sup>(3)</sup> CHAMPOMIER-VERGES MARIE-CHRISTINE<sup>(7)</sup> BA MOUAMADOU<sup>(11)</sup> FERRE ARNAUD<sup>(11)</sup> RENAULT PIERRE<sup>(7)</sup> LOUX VALENTIN<sup>(11)</sup> NEDELLEC CLAIRE<sup>(11)</sup> SICARD DELPHINE<sup>(13)</sup>

AGRO  
CAMPUS  
OUEST



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

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<sup>1</sup> UMR STLO INRA Rennes <sup>2</sup> UMR BIA INRA Nantes <sup>3</sup> UMR SECALIM INRA Nantes <sup>4</sup> UMR GMPA INRA Grignon <sup>5</sup> URTAL INRA Poligny <sup>6</sup> LRF INRA Aurillac <sup>7</sup> MICALIS INRA Jouy-en-Josas <sup>8</sup> CIRM BIA INRA Rennes <sup>9</sup> CIRM Levure INRA Grignon <sup>10</sup> DIST INRA Versailles <sup>11</sup> MAIAGE INRA Jouy-en-Josas <sup>12</sup> MIA INRA Paris <sup>13</sup> SPO INRA Montpellier

