

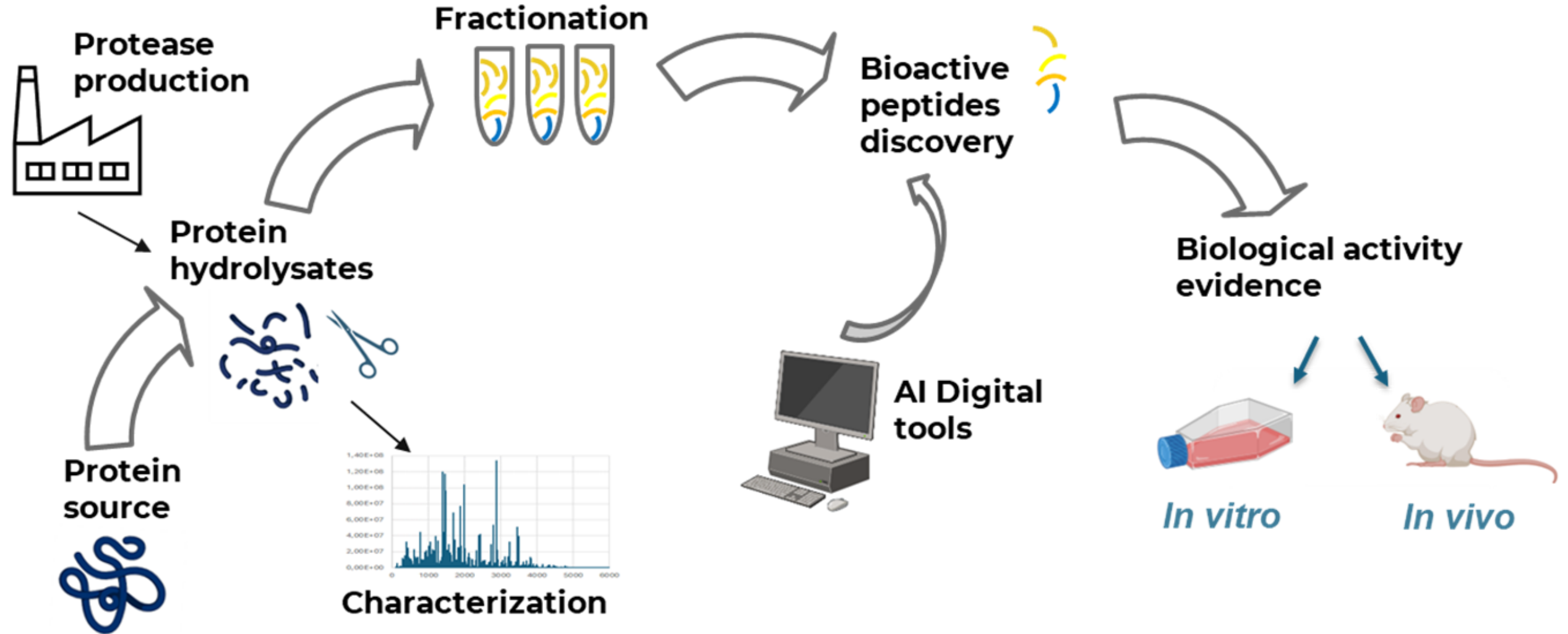


# Bioactive peptides for prevention of chronic diseases

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# PEPTIBoost



# PEPTI Boost

A versatile and comprehensive platform to valorise different protein sources including alternative proteins and industry byproducts



Marche-en-Famenne, Belgium

# PROPOSED SKILLS/FACILITIES



## Food safety

- ISO17025 accredited
- Detection of contaminants and allergens
- Safe-and-sustainable by design



## Preclinical platform

- In vitro cell platforms
- In vivo platforms



## Bioproduction

- Recombinant protein production
- Enzymatic engineering
- Own collection lactic acid bacteria
- Fermentation process development and SCFA detection



## Interesting calls

- HORIZON-CL6-2025-02-FARM2FORK-05: Developing innovative phytosanitary measures for plant health – focus on systems approach for pest risk management
- HORIZON-CL6-2025-01-CIRCBIO-14: Bioprospecting and optimised production of marine/aquatic natural products in the omics & artificial intelligence era
- HORIZON-CL6-2025-02-FARM2FORK-17: Nutrition in emergency situations – Ready-to-use Supplementary Food (RUSF) and Ready-to-use Therapeutic Food (RUTF)
- HORIZON-CL6-2025-02-FARM2FORK-14: Nutrients produced by microbes utilising primarily CO<sub>2</sub> from the air, with the support of biotechnology
- HORIZON-JU-CBE-2025-IA-03 Scaling-up nutritional proteins from alternative sources
- HORIZON-JU-CBE-2025-IA-04 Cost-effective and robust continuous biotech bio-based processes



# TOPICS OF INTEREST

- Functional Ingredients
- Alternative proteins (microbial, algae, mushroom, insect...)
- Biocontrol agents
- Biotechnology for ingredients/food: fermentation, enzymes,...

# LOOKING FOR PARTNERS

- Protein sources
- Industrial scale production of new proteases
- Consumers acceptance
- Upscaling protein hydrolysates
- Food formulation
- ...

# EU partnering experience

FP6  
immunoassay

Confidence (FP7)  
immunoassay

Go with The Flow (Eurostar)  
FCIA

Poultry-check  
Antibody development

MoniQA (FP6)  
Method harmonisation

DIADEM (Interreg)  
Contaminants/eau

Brass'Hop Bio (Interreg)  
houblon

Tommor'HOP Bio (Interreg)  
houblon

Unique Check (FP7, Marie Curie)  
rbST

THRALL (EFSA)  
Allergènes

Nanolyse (FP7)  
immunoassay

Multichip (Eurostar)

