

TWB

BIOSCIENCES &
BIOPRODUCTION



30/10/2018



twb
White Biotechnology
center of excellence

ANR



INRA
SCIENCE & IMPACT

INSA

INSTITUT NATIONAL
DES SCIENCES
APPLIQUÉES
TOULOUSE

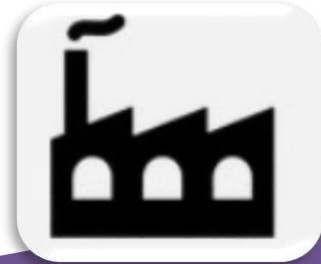
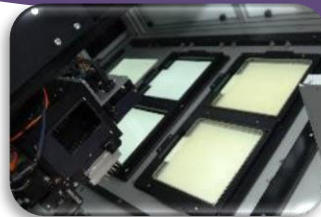
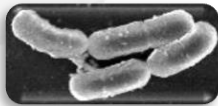
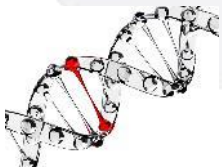


OUR MISSION



FACING THE CLIMATE CHANGE CHALLENGE

ACCELERATE PUBLIC/PRIVATE
COLLABORATIVE R&I PROJECTS
INDUSTRIAL BIOLOGY



SUPPORT FOR START-UP DEVELOPMENT

Hosting & Support

- use of technological equipment
- administrative, scientific & business support
- networking

Technological services

- European project "SuperBIO"
- European SMEs

« TWB Award »

- annual contest
- technological services
- 4 months, 50 000€

Award 2018



*At TWB,
today*

EnobraQ



micropep
technologies



BFC



A multicultural ecosystem

- > Scientific excellence
- > Entrepreneurship
- > Industrial interface
- > Combined financing
- > Institutional culture

CONSORTIUM 2018



OUR STRENGTHS



OUR STRENGTHS

- > Simplifying the public/private interface
 - **SIMPLICITY**
- > Federating a network of experts
 - **EFFICIENCY**
- > Fostering scientific creativity
 - **CREATIVITY**
- > Integrating ethics and sustainable development vision
 - **RESPONSIBILITY**
- >> CREATING VALUE AND EMPLOYMENT



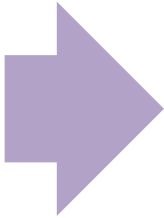
MEANS : INTEGRATED TECHNOLOGICAL PLATFORMS



Strain engineering
molecular biology,
synthetic biology,
picking and screening
low & high-
throughput,
libraries construction

Biotransformation & culture process
microbial cell culture,
microbial & enzymatic
process optimisation,
screening *in situ*,
kinetic characterisation

Process development
scale-up,
up stream process,
down stream process
process transfer,
robustness study,
batch supply



Analytical / Bio-informatics

Environmental evaluation / Ethics



OUR AMBITION



OUR AMBITION

>>> BEING A KEY PLAYER IN THE EUROPEAN BIOTECH ENVIRONMENT BY 2025

Create a **15,000m² biotech complex** on
the INSA campus
(University of Toulouse)

Validate **pilot-scale
bioproduction
projects**

Stimulate
entrepreneurship

Develop
**international
activities**

Strengthen
**scientific &
technological
excellence**

WORK WITH US AND BECOME A WOLRD CHAMPION 😊

Follow us!



@TWB_Biotech



TWB



With the support of:



ANR-10-DPBS-08-01



PROJET COFINANCÉ PAR LE FONDS EUROPÉEN DE DÉVELOPPEMENT RÉGIONAL

