



«White biotechnology: from research to industrial applications»

Gembloux Espace Senghor, the November 26th 2015

09h00 **WELCOME**

09h30 **INTRODUCTION - OPENING WORDS**

MRS. VÉRONIQUE GRAFF, MANAGING DIRECTOR, GREENWIN

09H40 **INTRODUCTION – TECHNOLOGICAL ASPECTS**

PROF. FRANK DELVIGNE, GEMBLoux AGRO-BIO TECH

09h50 **APPLICATIONS OF WHITE BIOTECH**

PROF. PIERRE MONSAN, DIRECTOR, TOULOUSE WHITE BIOTECH

WHITE BIOTECHNOLOGY: OPPORTUNITIES AND CHALLENGES

*PROF. STEPHANE GUILLOUET, HEAD OF THE TEAM FERMENTATION ADVANCES
MICROBIAL ENGINEERING, LISBP – INSA TOULOUSE*

10h40 **COFFEE BREAK – LAB TOUR: FERMENTATION PILOT SCALE FACILITIES
GEMBLoux AGRO-BIO TECH - POSTER PRESENTATIONS**

Session 1: Future of white biotech

11h05 **MANNED SPACE MISSIONS, MELISSA A FIRST EXAMPLE OF CIRCULAR ECONOMY**

*DR. CHRISTOPHE LASSEUR, ESA-ESTEC, LIFE SUPPORT R&D COORDINATOR, MELISSA PROJECT
MANAGER*

11h30 **BIOBASED DELTA, ECO-SYSTEM WORKING TOWARDS GREEN CHEMISTRY AND THE
FERMENTATION BASED CHEMICAL INDUSTRY 2.0**

WILLEM SEDEREL, MANAGING DIRECTOR, BIOBASED DELTA

11h50 **WHITE BIOTECHNOLOGY AND REAL ECONOMY: THE VISION OF GALACTIC**

JEAN-CHRISTOPHE BOGAERT, SALES, MARKETING & BUSINESS DEVELOPMENT DIRECTOR, GALACTIC

12h10 **ONE CLICK...AND A NOVEL HERBICIDE ONTO THE MARKET!**

DR. SEBASTIEN RIGALI, UNIVERSITY OF LIEGE

12h30 **WALKING LUNCH - NETWORKING / B2B / MATCHMAKING EVENT**

Session 2: Industrial applications

- 13h30 **DEVELOPMENT OF MICROBIAL CELL FACTORIES FOR LIGNOCELLULOSIC TECHNOLOGIES**
ARTHUR L. KRUCKEBERG, INDUSTRIAL BIOSCIENCES TECHNOLOGY TEAM, DUPONT CORPORATION
- 13h50 **STUDENT DOCTORATE SCHOOL GEPROC
AERATION THROUGH THE LIQUID FREE-SURFACE IN BAFFLED STIRRED TANKS:
EXPERIMENTAL AND COMPUTATIONAL CHARACTERIZATIONS**
ANNE DE LAMOTTE, PHD STUDENT
- 14h10 **CITRIQUE BELGE: WHITE BIOTECH IN BELGIUM**
DR. LIEVE LAMBERTS, PRODUCTION LEADER, CITRIQUE BELGE
- 14h30 **PRODUCTIVE WHOLE-CELL BIOCATALYSIS**
PROF. BRUNO BÜHLER, HELMHOLTZ CENTRE FOR ENVIRONMENTAL RESEARCH - UFZ
- 14H50 **SINGLE-CELL MICROFLUIDICS FOR BIOPROCESS DEVELOPMENT**
*DR. - ING. ALEXANDER GRÜNBERGER, MICROSCALE BIOENGINEERING GROUP, IBG-1:
BIOTECHNOLOGY, JUELICH RESEARCH CENTER, GERMANY*
- 15H10 **NANOPARTICLES AND MICROORGANISMS APPLIED IN SOIL AND GROUNDWATER
DECONTAMINATION**
*OLIVIER TROMME, PROJECT MANAGER, SANIFOX
DR. STEPHANIE LAMBERT, FNRS ASSOCIATE RESEARCHER, UNIVERSITY OF LIEGE*
- 15h30 **Round table and conclusions**
MODERATED BY PHILIPPE GABANT, PHD. CSO-FOUNDER, SYNGULON

*FRANK DELVIGNE, PIERRE MONSAN, CHRISTOPHE LASSEUR, WILLEM SEDEREL,
JEAN-CHRISTOPHE BOGAERT, SEBASTIEN RIGALI, ARTHUR L. KRUCKEBERG, LIEVE LAMBERTS,
BRUNO BÜHLER, ALEXANDER GRÜNBERGER, OLIVIER TROMME, STEPHANIE LAMBERT*
- 16h00 **COCKTAIL / NETWORKING**