

Production de carbone cellulosique fermentescible par biocatalyse sous haute teneur en matière sèche

Production of cellulosic fermentable carbons by biocatalysis under high dry matter content

BIOPROCESS INTENSIFICATION : CHALLENGES RELATED TO TRANSFER LIMITATION

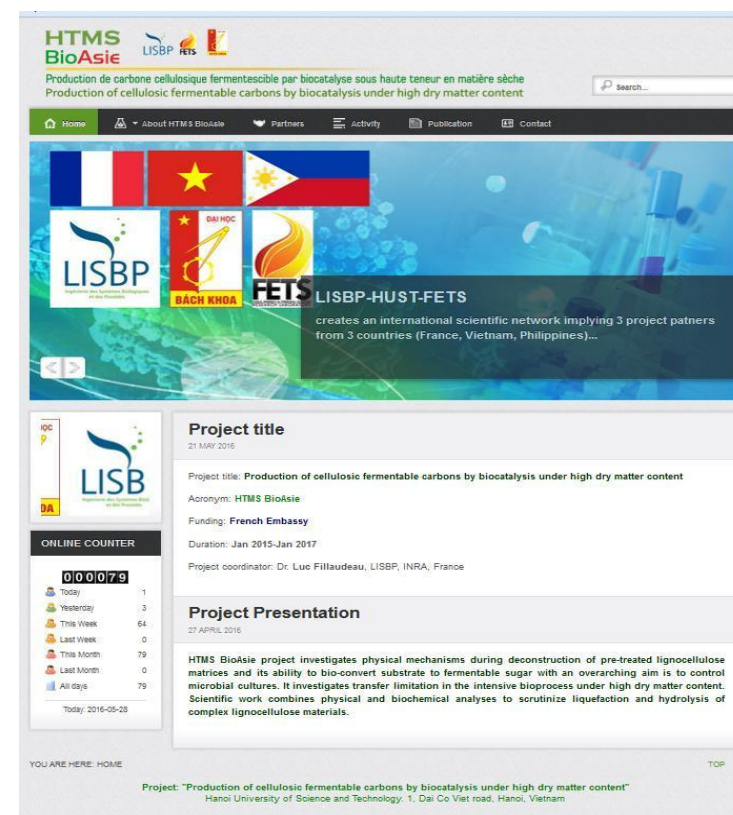
2ND WORKSHOP AT CRDB / SBFT-HUST (HANOI, VN), 26-30TH JUNE 2016

Room 208-B1

Monday 27/06	Tuesday 28/6	Wednesday 29/6	Thursday 30/6
	LIGNOCELLULOSIC ENZYMES	HYDROLYSIS & TRANSFER LIMITATION	LAB TOUR
	P2- VU Nguyen Thanh (FIRI)	P6- ANNE-ARCHARD Dominique	FIRI (Food Industries Research Industry)
	Biodiversity for lignocellulase (tbc)	Rheometry and viscosimetry to highlight bioprocess: from fundamentals to bioprocess application	
	5min lab+ 45min pres	5min lab+ 30min pres + 30min disc	60-90min visit
	P3.PHI Quyet Tien (IBT)	P7- LE Tuan (LISBP / CRDB)	IBT (Institute of Biotechnology, VAST)
	Expression of lignin-degrading enzymes and applications in pretreatment of biomass	Investigation of physical mechanisms during deconstruction of pretreated ligno-cellulosic matrices: from pure enzymatic activity to cocktail.	
	5min lab+ 45min pres	45min pres	60-90min visit
	P4- LE Thanh Ha (SBFT)	P9- CAO Xuan Bach (LISBP / CRDB)	Conclusion (Dr.FILLAUDEAU L., Pr. TO K.A and Pr. DE LEON R.)
	Cellulase of bacteria isolated from termite gut	Efficiency and physical limitations during hydrolysis of organosolv-sugarcane bagasse and hard/soft wood paper-pulp: comparison of commercial enzymatic cocktail and Aspergillus sp. secretom.	Opportunities and opened discussion HTMS enlargement - On-going call
	5min lab+ 45min presentation	45min pres	30min discussion (at IBT)
	Open discussion	Open discussion	
	Lunch	Lunch	Lunch
Welcome / Coffee	CULTURE	CULTURE	Meeting
Opening (Pr. TO K.A and Dr. FILLAUDEAU L.) Opening remark by HUST/SBFT Reporting of HTMS actions Overview of 2016 HTMS workshop program	P5- TO Kim Anh (CRDB) Efficient hydrolysis of fractionated bagasse by fungal secretome	P10- DE LEON Rizalinda & LE Duy Khuong (FETSL-UPD) Consolidated process	M. Mehdi SALIM Attaché for Higher Education & Sciences / Embassy of France in Vietnam with Kim Anh TO, Rizalinda DE LEON, Luc FILLAUDEAU
25min presentation	45min pres	5min lab+ 45min presentation	
PRETREATMENT			Working meeting
P1- PHAM Tuan Anh (CRDB) Formic-fractionation of bagasse for cellulose materials	P7- COMA Veronique (LCPO) From intermediate compounds during hydrolysis to advanced functional polymer materials	P11- LAO Marco (FETSL) Bio-ethanol production from solid state fermentation	Items 1. Tuan LE (PhD progress, publications) 2. NGUYEN Tien Cuong (publication drafts) 3. CAO Xuan Bach (Msc follow-up, mobility) 4. Candidates interview (PhD and MSc)
5min lab+ 45min presentation	5min lab+ 45min pres	5min lab+ 45min presentation	
LAB TOUR	LAB TOUR	Meeting	
CRDB (Center for Research & Development in Biotechnology)	Food Research Center (SBFT)	International relation Department of HUST with Son Chu KY (SBFT), Kim Anh TO (SBFT) and Hong Hanh NGUYEN (Int Rel Coordinator with Europe)	

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The screenshot shows the HTMS BioAsie website. The header includes the HTMS BioAsie logo and navigation links: Home, About HTMS BioAsie, Partners, Activity, Publication, and Contact. The main banner features flags of France, Vietnam, and the Philippines, along with logos for LISBP, BACH KHOA, and FETS. Below the banner, the project title is displayed: "Production of cellulosic fermentable carbons by biocatalysis under high dry matter content". The project is coordinated by Dr. Lue Fillaudeau, LISBP, INRA, France. The project presentation section describes the investigation of physical mechanisms during deconstruction of pre-treated lignocellulose matrices and its ability to bio-convert substrate to fermentable sugar.