

PROGRAM FORUM OF PHARMACEUTICAL SCIENCES

Status 30/03/2023

Thursday April 27th 2023

9h00	Registration + coffee				<i>Foyer</i>
9h45	Opening session Welcome by BSPS President				<i>Room A</i>
9h50-10h20	Plenary session National Award Laureate Dr. Sien Dedroog (KU Leuven) « Influence of formulation and process parameters on the kinetic stabilization of amorphous solid dispersions with high drug loading »				<i>Room A</i>
10h30-11h50	Communications	Sessions	1-A	1-B	<i>Room A & B</i>
12h00	<i>lunch</i>				<i>Restaurant</i>
13h30-14h50	Communications	Sessions	2-A	2-B	<i>Room A & B</i>
14h50	<i>coffee break</i>				<i>Foyer</i>
15h20-16h20	Communications	Sessions	3-A	3-B	<i>Room A & B</i>
16h30-17h00	Plenary session Prof. Dr. Twan Lammers (Aachen University, Germany) « Nanotechnology in pharmacy and medicine »				<i>Room A</i>
17h00	BSPS General Assembly (open to all members)				<i>Room A</i>
17h30	Closure day 1				
19h00	Forum Dinner (subject to separate registration)				<i>Restaurant</i>

PROGRAM FORUM OF PHARMACEUTICAL SCIENCES

Friday April 28th 2023

9h00	Registration + coffee				<i>Foyer</i>
9h45	Day 2 opening				<i>Room A</i>
9h50-10h20	Plenary session				<i>Room A</i>
		Dr. Julien Verrax			
		(APB)			
		« The Post-Marketing Quality Surveillance of Medicines in Belgium »			
10h30-11h50	Communications	Sessions	4-A	4-B	<i>Room A & B</i>
12h00	<i>lunch</i>				<i>Restaurant</i>
13h30-14h50	Communications	Sessions	5-A	5-B	<i>Room A & B</i>
14h50	<i>coffee break</i>				<i>Foyer</i>
15h30-16h00	Plenary session				<i>Room A</i>
		Prof. Dr. Nathalie Wauthoz			
		(ULB)			
		« Inhaled Chemotherapy: a new modality for lung cancer treatment »			
16h00	Best Presentation Award				<i>Room A</i>
16h15	Closure				

PROGRAM ORAL COMMUNICATIONS

Thursday Morning April 27th 2023

	Session 1 - A Room A		Session 1 - B Room B	
	ORAL COMMUNICATIONS		ORAL COMMUNICATIONS	
	Chairman : tbd		Chairman : tbd	
10h30	GRESSE Eva ULiège	HOW TO IMPROVE ENGINEERED MICRONIZED POWDER FLOWABILITY?	HUANG Wenping KU Leuven	DETERMINATION OF RESIDUAL SOLVENTS IN DRUG LOADED CELLULOSE.
10h50	BOEL Eline KU Leuven	THE IMPACT OF FLUID-BED COATING PROCESS PARAMETERS ON HIGH DRUG-LOADED AMORPHOUS SOLID DISPERSIONS LAYERED ONTO PELLETS: A DESIGN OF EXPERIMENTS APPROACH.	NESTOR Liam VUB	LIQUID CHROMATOGRAPHY-MASS SPECTROMETRY OF LOW-VOLUME SAMPLES FOR THE ANALYSIS OF THE BRAIN METABOLOME USING DIMETHYLAMINOPHENACYL BROMIDE DERIVATIZATION.
11h10	BYA Laure-Anne ULiège	INHALED DRY POWDER CONTAINING LIPID-NANOPARTICLES: PARTICLE ENGINEERING BY SPRAY-DRYING TECHNOLOGY.	UR REHMAN Ihtesham KU Leuven	DEVELOPMENT OF AN ALTERNATIVE APPROACH FOR THE DETERMINATION OF ACETIC ACID AS RESIDUAL SOLVENT.
11h30	OUYANG Jiabi KU Leuven	INFLUENCE OF BLEND RATIO AND MOLECULAR WEIGHT ON BIODEGRADATION AND PERMEABILITY OF INULIN-EUDRAGIT RS FILMS.	LEVEQUE Mathieu UMons	QUANTIFICATION OF AFFINITY CONSTANTS BETWEEN SMALL MOLECULES AND RNA PROBES REPRESENTATIVE OF STEINERT'S DISEASE BY AFFINITY CAPILLARY ELECTROPHORESIS.

PROGRAM ORAL COMMUNICATIONS

Thursday Early afternoon April 27th 2023

	Session 2 - A Room A		Session 2 - B Room B	
	ORAL COMMUNICATIONS		ORAL COMMUNICATIONS	
	Chairman : tbd		Chairman : tbd	
13h30	BERGER Manon ULiège	EFFECT OF PEG ANCHOR AND SERUM ON LIPID NANOPARTICLES: DEVELOPMENT OF A NANOPARTICLES TRACKING METHOD.	EL MAOUARDI Meryeme VUB	VIBRATIONAL SPECTROSCOPIC FINGERPRINTS FOR THE SUCCESSFUL CLASSIFICATION OF ARGAN OILS FROM FOUR MOROCCAN REGIONS.
13h50	STEIGERT Sebastian KU Leuven	CHARACTERISATION OF LUMINAL CONTENTS IN THE PROXIMAL COLON IN HEALTHY ADULTS.	AKHTAR Zeb KU Leuven	SPECTROSCOPIC APPROACHES FOR CONFORMITY ANALYSIS OF E-LIQUIDS.
14h10	PARULSKI Chloé ULiège	THE FUTURE OF 3D PRINTING FOR PERSONALIZED MEDICINE: COULD 3D PRINTED WAFFLE SHAPES REPLACE THE MAGISTRAL PREPARATION OF HYDROCORTISONE CAPSULES?	DE GAUQUIER Pieter VUB	MODELLING THE ENANTIORECOGNITION OF STRUCTURALLY DIVERSE PHARMACEUTICALS ON O-SUBSTITUTED POLYSACCHARIDE-BASED STATIONARY PHASES.
14h30	GOOVAERTS Brecht KU Leuven	IMPROVING PRECLINICAL IN-VITRO ASSAYS TO ENHANCE THE PREDICTION OF FOOD EFFECTS ON BCS II/IV COMPOUNDS.	RANJAN Surbhi KU Leuven	COMBINATION OF CHEMOMETRICS AND MULTIDIMENSIONAL FINGERPRINTING FOR DETECTION OF REGULATED PLANTS IN PLANT FOOD SUPPLEMENTS.

PROGRAM ORAL COMMUNICATIONS

Thursday Late Afternoon April 27th 2023

	Session 3 - A Room A		Session 3 - B Room B	
	ORAL COMMUNICATIONS		ORAL COMMUNICATIONS	
	Chairman : tbd		Chairman : tbd	
15h20	BOEYKENS Lien UAntwerp	STRUCTURE – FUNCTION RELATIONSHIP OF THE MALARIA SPOROZOITE 6CYS PROTEINS.	BOURNONS Sofie VUB	THE EFFECT OF FOUR CANNABINOIDS ON THE SPONTANEOUS SEIZURES IN A MOUSE MODEL OF MESIAL TEMPORAL LOBE EPILEPSY.
15h40	SCHILS Audrey ULB	CANCER PATIENTS' BEHAVIOURS TOWARDS NATURAL HEALTH PRODUCTS IN FRENCH-SPEAKING HOSPITALS IN BELGIUM.	BOSSUYT Jo VUB	CHEMOGENETIC MODULATION OF CX3CR1+ CELLS IN A MOUSE MODEL OF DRUG-RESISTANT TEMPORAL LOBE EPILEPSY.
16h00	VAN RYMENANT Yentl UAntwerp	HUMAN FIBROBLAST ACTIVATION PROTEIN (FAP) IS EXPRESSED AND ACTIVE IN NATURAL KILLER CELLS: DESCREASED EXPRESSION AND ACTIVITY AFTER ACTIVATION OF NK CELLS.	HARDER Fritz KU Leuven	THE EFFECT OF SPARKLING WATER ON THE SYSTEMIC PHARMACOKINETICS OF PARACETAMOL IN THE ELDERLY

PROGRAM ORAL COMMUNICATIONS

Friday Morning April 28th 2023

	Session 4 - A Room A		Session 4 - B Room B	
	ORAL COMMUNICATIONS		ORAL COMMUNICATIONS	
	Chairman : tbd		Chairman : tbd	
10h30	BOOGAERTS Tim UAntwerp	WASTEWATER-BASED EPIDEMIOLOGY AS A COMPLEMENTARY EPIDEMIOLOGICAL INFORMATION SOURCE ON LIFESTYLE AND HEALTH ASPECTS.	PENYO Noémie ULiège	SUPERCRITICAL CO2 TO PRODUCE AND STERILIZE LIPOSOMES: HOW TO FIND SUPERCRITICAL PARAMETERS WITH THE QBD STRATEGY.
10h50	ZHANG Yue ULiège	IN-SILICO-ASSISTED DEVELOPMENT OF LC-MS/MS METHODS FOR THE DETERMINATION OF 17 N- NITROSAMINES IN DRUG MATRIX.	KOPP Katharina KU Leuven	CHEMICAL AND PHYSICAL STABILITY OF SPRAY DRIED PROTEINS.
11h10	HELALI Yosra ULB	NEW APPROACH USING ONLINE SPE PURIFICATION AND PROCAINAMIDE FOR HILIC-FLR-MS N-GLYCAN ANALYSIS.	GAUTHY Chloé ULiège	DEVELOPMENT OF OPTIMIZED LIPOSOMES FOR SUSTAINED-RELEASE TRANSTYMPANIC ADMINISTRATION.
11h30	AMELI Fardine VUB	SOLVENT-DEPENDENT CONFORMATIONAL DIVERSITY OF POLYSACCHARIDE-BASED CHIRAL SELECTORS.	WU Jingya KU Leuven	THE INFLUENCE OF HYDROGEN BONDING BETWEEN DIFFERENT CRYSTALLIZATION TENDENCY DRUGS AND PVPVA ON THE STABILITY OF AMORPHOUS SOLID DISPERSIONS.

PROGRAM ORAL COMMUNICATIONS

Friday Afternoon April 28th 2023

	Session 5 - A Room A		Session 5 - B Room B	
	ORAL COMMUNICATIONS		ORAL COMMUNICATIONS	
	Chairman : tbd		Chairman : tbd	
13h30	LE Hien Ngoc Thao UAntwerp	AMARYLLIDACEAE ALKALOIDS AS PROMISING NATURAL SOURCES OF ANTI-SARS-COV-2 SUBSTANCES.	DINH Tuan Nghia ULiège	LIPOSOME FOR THE TREATMENT OF COPD PRODUCED BY SUPERCRITICAL CARBON DIOXIDE-BASED TECHNOLOGIES.
13h50	CALVO ESPOSITO Rafaèle ULB	IN VITRO CHARACTERIZATION OF "PAPAIN-LIKE" CYSTEINE PROTEINASE EXTRACTED FROM DIFFERENT PLANT SOURCES AS ANTICANCER AGENTS.	COOLS Lennert KU Leuven	PROBING INTERMOLECULAR INTERACTIONS IN AMORPHOUS SOLID DISPERSIONS CONTAINING DIFLUNISAL METHYL-DERIVATIVES AND PVPVA USING SOLID-STATE NUCLEAR MAGNETIC RESONANCE.
14h10	WEYNS Anne-Sophie UAntwerp	CLINICAL INVESTIGATION OF FRENCH MARITIME PINE BARK EXTRACT ON ATTENTION-DEFICIT HYPERACTIVITY DISORDER AS COMPARED TO METHYLPHENIDATE AND PLACEBO: EFFICACY IN A RANDOMISED CLINICAL TRIAL.	KEMIK Kevser ULiège	HYPERSPPECTRAL IMAGING BASED ON SURFACE-ENHANCED RAMAN SCATTERING: TOWARDS A SPRAY-COATING OPTIMIZATION OF SILVER NANOPARTICLES.
14h30	TAOUBA Hossein ULiège	SMALL CONDUCTANCE CA ²⁺ -ACTIVATED K ⁺ CHANNELS, A NOVEL TARGET FOR THE ALKALOIDS CEPHARANTHINE AND BERBAMINE.	DE LOOSE Joni UAntwerp	DPP8/9 DEGRADATION BY PROTEOLYSIS-TARGETING CHIMERAS (PROTACs).