

*Final Program Oral Communications BSPS Forum of Pharmaceutical Sciences
Monday May 20th 2019*

1 – Early Morning Session

	Session 1-A		Session 1-B		Session 1-C	
	Room A		Room B		Room C	
	Chairman: Ann Van Schepdael		Chairman: Ann Van Eeckhaut		Chairman: Yvan Vander Heyden	
9h20	DECLERCK Sven VUB p.16	THE POTENTIAL OF VOLATILE ADDITIVES IN A CHIRAL SFC SCREENING STEP.	VERMEIRE Gilles KU Leuven p.54	TOWARDS A BETTER CHARACTERIZED, BROADLY APPLICABLE, AND SAFER DNA-BASED ANTIBODY PLATFORM.	SMEETS Annelies KU Leuven p.47	GASTRO-RESISTANT ENCAPSULATION OF AMORPHOUS SOLID DISPERSIONS BY COAXIAL ELECTROSPRAYING.
9h40	BRITS Maxime UAntwerpen p.8	IDENTIFICATION AND QUANTIFICATION OF POLYMETHOXYLATED FLAVONOIDS IN DIFFERENT CITRUS SPECIES USING UPLC-QTOF-MS/MS AND HPLC-DAD	VLIEGEN Gwendolyn UAntwerpen p.55	PLASMA PROLINE-SPECIFIC PEPTIDASES IN SEPSIS PATIENTS: ASSOCIATION WITH INFLAMMATORY, HEMODYNAMIC AND METABOLIC PARAMETERS.	RAMON Jana UGent p.41	VAPOR NANOBUBBLE (VNB)-MEDIATED PHOTOPORATION AS INNOVATIVE LOADING APPROACH FOR EXTRACELLULAR VESICLES (EVS).
10h00	VELICHKOVA Stefaniya UAntwerpen p.53	UPLC/QTOF MS METHOD DEVELOPMENT AND VALIDATION FOR QUANTIFICATION OF ADVANCED GLYCATION END PRODUCTS (AGES) IN IN VITRO SAMPLES.	CUSTERS Marie-Laure VUB p.12	THE USE OF MICRODIALYSIS AND CEREBRAL OPEN FLOW MICROPERFUSION TO INVESTIGATE THE BLOOD-BRAIN BARRIER PASSAGE OF NANOBODIES.	DE BRUYN Michelle UAntwerpen p.13	PROTEOLYTIC ACTIVITIES IN A RAT TNBS-INDUCED COLITIS MODEL: INFLUENCE OF A SINGLE DOSE SERINE PROTEASE INHIBITOR TREATMENT (UAMC00050).
10h20	DEIDDA Riccardo ULiège p.19	PRINCIPLES OF ANALYTICAL QUALITY BY DESIGN FOR THE DEVELOPMENT OF QUALITY CONTROL METHODS IN A PHARMACEUTICAL CONTEXT.	HUANG Shengyun KU Leuven p.26	ALDEHYDE OXIDASE IMMOBILIZED ON MAGNETIC NANOARTICLES: STABILITY AND RELEASE.	SILLEN Machteld KU Leuven p.45	ELUCIDATION OF THE MOLECULAR MECHANISMS OF NANOBODIES THAT NEUTRALIZE PLASMINOGEN ACTIVATOR INHIBITOR 1 (PAI-1) ACTIVITY HIGHLIGHTS THEIR VERSATILITY IN MODULATING VARIOUS STAGES IN THE PAI-1/PLASMINOGEN ACTIVATOR (PA) INTERACTION.
10h40	SLOSSE Amorn VUB p.46	GAS CHROMATOGRAPHIC FINGERPRINT ANALYSIS FOR THE COMPARISON OF SEIZED CANNABIS SAMPLES.	DE HERT Emilie UAntwerpen p.15	PROLYL CARBOXYPEPTIDASE AS APELIN-CLEAVAGE ENZYME IN HUMAN UMBILICAL VEIN ENDOTHELIAL CELLS.	SOUNOUVOU Hope ULiège p.48	ASSESSMENT OF DRUG SKIN TOLERANCE IN AFRICANS USING A CHROMAMETER.

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2 – Late Morning Session

	Session 2-A		Session 2-B		Session 2-C	
	Room A		Room B		Room C	
	Chairman: Erwin Adams		Chairman: Bertrand Blankert		Chairman: Jo Demeester	
11h30	NYS Gwenaël ULiège p.35	ION MOBILITY-MEDIATED DATA INDEPENDENT ACQUISITION IMPROVES PROTEOME COVERAGE AND SENSITIVITY IN UNTARGETED PROTEOMIC STUDIES.	COOLS Freya UAntwerpen p.11	IMPLEMENTING THE 3RS: GALLERIA MELLONELLA LARVAE AS A MODEL FOR STREPTOCOCCAL INFECTIONS.	EVERAERTS Melissa KU Leuven p.22	COMPLEX AMORPHOUS SOLID DISPERSIONS BASED ON A HYDROPHILIC INSOLUBLE POLYMERIC CARRIER: STUDY OF DRUG RELEASE AND THE IMPACT OF AN ADDITIONAL POROSITY INCREASING AGENT.
11h50	GROOTEN Yasmine VUB p.24	EVALUATING DIFFERENT LIQUID CHROMATOGRAPHIC METHODS TO MODEL THE SKIN PERMEABILITY OF PHARMACEUTICAL AND COSMETIC COMPOUNDS.	LIN Qi KU Leuven p.32	IMPROVEMENT OF LIQUID CHROMATOGRAPHIC PERFORMANCE IN THE ANALYSIS OF ANTIBIOTICS USING SUPERFICIALLY POROUS PARTICLE COLUMNS.	KOCH Nathan ULiège p.30	MESOPOROUS SILICA IMPREGNATION USING SUPERCRITICAL CARBON DIOXIDE: IS THE SOLUBILITY IN THE SUPERCRITICAL FLUID A CRITICAL PARAMETER?
12h10	GOU Marie ULiège p.23	CE-MS/MS FOR BOTTOM-UP PROTEOMICS: COMPARISON OF TWO COUPLING INTERFACES WITH ION-MOBILITY QTOF.	RIASOVÁ Petra VUB p.40	COUPLING OF CHIRAL AND ACHIRAL COLUMNS IN SUPERCRITICAL FLUID CHROMATOGRAPHY.	VAN DE STEENE Shana UGent p.49	INFLUENCE OF VARYING SCREW CONFIGURATION ON GRANULE FORMATION IN CONTINUOUS TWIN-SCREW MELT GRANULATION.
12h30	MEES Corenthin ULB p.33	TRANSFER OF NIR DATA BETWEEN BENCHTOP AND HANDHELD SPECTROPHOTOMETERS TO IDENTIFY PARACETAMOL'S FORMULATIONS IN THEIR PRIMARY PACKAGE.	WELLS Mathilde UMons p.57	EXTRACTION AND CHARACTERIZATION OF POTENTIAL NEW ANTIMALARIAL COMPOUNDS FROM TOAD VENOM.	PAS Timothy KU Leuven p.37	AMORPHOUS SOLID DISPERSIONS CONTAINING PROTEINS AS CARRIER: DRUG-CARRIER BINDING AND ENZYMATIC CARRIER DIGESTION.
12h50	DEMELENNE Alice ULiège p.20	OPTIMISATION OF THE SEPARATION OF THERAPEUTIC PHOSPHOROTHIOATE OLIGONUCLEOTIDES BY HYDROPHILIC INTERACTION LIQUID CHROMATOGRAPHY AND CAPILLARY ZONE ELECTROPHORESIS.	RIVERA MONDRAGON Andrés UAntwerpen p.42	UNTARGETED PHYTOCHEMICAL CHARACTERIZATION OF THE FRUIT OF CRESCENTIA CUJETE (BIGNONIACEAE) USING UPLC-MS/MS BASED MOLECULAR NETWORKING.	PENOY Noémie ULiège p.39	LIPOSOME PRODUCTION BY INNOVATIVE METHOD USING SUPERCRITICAL FLUIDS.

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3 – Early Afternoon Session

	Session 3-A		Session 3-B		Session 3-C	
	Room A		Room B		Room C	
	Chairman: Anne-Catherine Servais		Chairman: Joëlle Quetin-Leclercq		Chairman: Brigitte Evrard	
14h40	VAN DEN HERREWEGEN Yana VUB <i>p.50</i>	CHEMOGENETIC MODULATION OF ASTROCYTES IN A MODEL FOR TEMPORAL LOBE EPILEPSY.	BALDE Mamadou UAntwerpen <i>p.4</i>	PHYTOCHEMICAL AND BIOLOGICAL INVESTIGATIONS ON POTENTIALLY ANTIMICROBIAL AND ANTICANCER GUINEAN PLANT SPECIES.	DE CLEYN Elene KU Leuven <i>p.14</i>	SIZE ANALYSIS OF SMALL PARTICLES IN WET DISPERSIONS BY LASER DIFFRACTOMETRY: A GUIDANCE TO QUALITY DATA.
15h00	DEGOTTE Gilles ULiège <i>p.18</i>	TOTAL SYNTHESIS APPROACH OF NEW ANTIMALARIALS INSPIRED BY ELLAGIC ACID.	COIC Laureen ULiège <i>p.10</i>	HANDHELD RAMAN SPECTROSCOPY: AN ESSENTIAL TOOL TO TACKLE THE SUBSTANDARD MEDICINES ISSUE?	BELLEFROID Coralie ULiège <i>p.6</i>	IMPROVEMENT OF SKIN PENETRATION OF LIPID-BASED NANOCARRIERS ACCORDING TO THEIR COMPOSITION.
15h20	PAQUOT Adrien UCL <i>p.36</i>	SET UP OF A UPLC-MS QUANTIFICATION METHOD FOR SHORT CHAIN FATTY ACIDS AND RELATED BRANCHED CHAIN FATTY ACIDS.	JACOBS Liesl KU Leuven <i>p.27</i>	INTRAMUSCULAR AND INTRATUMORAL DNA-BASED DELIVERY OF CHECKPOINT-INHIBITING ANTIBODIES ENABLE SIMILAR EFFICACY DESPITE DISTINCT PHARMACOKINETICS.	RYCKAERT Alexander UGent <i>p.43</i>	VISUALISATION OF THE WETTING PHASE DURING TWIN-SCREW GRANULATION VIA THERMAL IMAGING FOR IMPROVED PROCESS UNDERSTANDING AND PROCESS DEVELOPMENT.
15h40	ALLAOUI Wissal VUB <i>p.2</i>	MODULATION OF THE STRESS RESPONSE BY NEUROMEDIN U-8.	MERTENS Joachim UAntwerpen <i>p.34</i>	THE CARBOXYPEPTIDASE U (CPU, TAFIA, CPB2) SYSTEM IS INHIBITED BY HEMOLYSIS IN IN VITRO ASSAYS.	DEDROOG Sien KU Leuven <i>p.17</i>	THE POWER OF ORTHOGONAL ANALYTICAL TECHNIQUES: APPLICATION OF MDSC AND XRPD FOR THE SOLID-STATE ANALYSIS OF AMORPHOUS SOLID DISPERSIONS.
16h00	EMONTS Paul ULiège <i>p.21</i>	DEVELOPMENT OF AN INNOVATIVE MICROCHIP ELECTROPHORESIS SYSTEM FOR PHARMACEUTICAL ANALYSIS.	SEGERS Karen VUB <i>p.44</i>	CE-MS BASED PROFILING OF CATIONIC PLASMA METABOLITES FROM A MOUSE MODEL FOR ACUTE EPILEPTIC SEIZURES.	JENNOTTE Olivier ULiège <i>p.28</i>	HOT MELT EXTRUSION AS A SOLVENT-FREE TECHNIQUE FOR THE FORMATION OF A POLYMERIC AMORPHOUS SOLID DISPERSION OF ATORVASTATIN.

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4 – Late Afternoon Session

	Session 4-A		Session 4-B		Session 4-C	
	Room A		Room B		Room C	
	Chairman: Luc Pieters		Chairman: Jean-Michel Kauffmann		Chairman: Debby Mangelings	
16h50	VAN DER AUWERA Anastasia UAntwerpen <i>p.51</i>	AN INTEGRATED STRATEGY TO CHARACTERIZE NEW ANTI-INFLAMMATORY LEAD COMPOUNDS DERIVED FROM FILIPENDULA ULMARIA (MEADOWSWEET).	BONGAERTS Jana VUB <i>p.7</i>	COMPARISON OF UNISPRAY AND ELECTROSPRAY FOR THE IONIZATION OF NEUROPEPTIDES.	ALAOUI Mohammed ULiège <i>p.1</i>	COMPARATIVE STUDY OF ACTIVE PHARMACEUTICAL INGREDIENT QUANTITATION THROUGH THE PACKAGING USING HANDHELD SPECTROPHOTOMETERS BASED ON CONVENTIONAL AND SPATIALLY OFFSET RAMAN SCATTERING.
17h10	KAGISHA Vedaste ULiège <i>p.29</i>	ESTABLISHMENT AND VALIDATION OF CHROMATOGRAPHIC METHODS FOR STANDARDIZATION OF NEORAUTANENIA MITIS, A MEDICINAL PLANT USED IN AN ANTI-SCABIES OINTMENT IN RWANDA.	BARHDADI Sophia Sciensano <i>p.5</i>	IMPACT OF THE REVISED EUROPEAN TOBACCO PRODUCT DIRECTIVE ON THE QUALITY OF E-CIGARETTE REFILL LIQUIDS IN BELGIUM	ANYAKUDO Felix KU Leuven <i>p.3</i>	SIMULTANEOUS ANALYSIS OF VOLATILE AND SEMI-VOLATILE COMPONENTS IN A TOPICAL FORMULATION BY GAS CHROMATOGRAPHY USING A PROGRAMMED TEMPERATURE VAPORIZATION INLET AND FLAME IONIZATION DETECTION.
17h30	LE Thanh UCL <i>p.31</i>	ANTI-TRYPANOSOMAL POTENTIAL OF VIETNAMESE ESSENTIAL OILS, WITH A FOCUS ON CURCUMA LONGA L.	VANDEPUT Marie ULB <i>p.52</i>	DETERMINATION OF ASCORBIC ACID AND DEHYDROASCORBIC ACID WITH AN LC-EC METHOD.	CIZA HAMULI Patient ULiège <i>p.9</i>	DETECTION OF FALSIFIED PHARMACEUTICAL PRODUCTS USING PORTABLE NIR AND RAMAN SPECTROPHOTOMETERS.
17h50	PEETERS Laura UAntwerpen <i>p.38</i>	METABOLIC PROFILE ELUCIDATION AFTER IN VITRO BIOTRANSFORMATION OF SAPONINS PRESENT IN HERNIARIA HIRSUTA BY AN INNOVATIVE DATA ANALYSIS STRATEGY FOR DYNAMIC MULTICLASS EXPERIMENTS.	WAFFO Christelle ULiège <i>p.56</i>	FIELD SURVEY TO EVALUATE THE PREVALENCE OF POOR QUALITY ANTI-INFECTIVE MEDICINES IN CAMEROON.	HAMLA Sabrina ULiège <i>p.25</i>	QUALITATIVE AND QUANTITATIVE ANALYSIS OF N-GLYCANS PART OF PHARMACEUTICAL PROTEINS BY FT-IR SPECTROSCOPY.
18h10	YEMOA Achille ULiège <i>p.58</i>	CONTRIBUTION OF LIQUID CHROMATOGRAPHIC METHODS IN FIGHTING AGAINST POOR QUALITY MEDICINES: QUALITY CONTROL OF ANTIMALARIAL DRUGS MARKETED IN BENIN.				