

## POSTERS

	Title	Presenter	Promoter	Affiliation
P1	Investigation of the Antibacterial Properties of Silver-Doped Amorphous Carbon Coatings Produced by Low Pressure Magnetron Assisted Acetylene Discharges	Valentin Job	Stéphane Lucas, Julie Laloy	UNamur
P2	Deciphering the mechanism of action of the meiotic DSB-forming core complex in <i>Saccharomyces cerevisiae</i>	Hajar Ait Bella	Corentin Claeys Bouuaert	UCLouvain
P3	Effects of oxysterols in <i>in vitro</i> models of intestinal inflammation	Hafsa Ameraoui	Giulio Muccioli	UCLouvain
P4	Nanobodies as inhibitors of the TSPYL5-USP7 protein-protein interaction	Marine Ancia	Raphaël Frédéric & Anabelle Decottignies	UCLouvain
P5	Approach using « second generation » immune checkpoint inhibitors for the treatment of triple-negative breast cancer	Marie Ancion	Pascale Hubert	ULiège
P6	Understanding transcriptional regulation of corticogenesis by Dmrt5, Emx2 and Ahdc1	Jithu Anirudhan	Eric Bellefroid	ULB
P7	The Molecular Basis for the Replisome Hijacking Hypothesis	Nicolas Aryanpour	Bernard Hallet	UCLouvain
P8	Consequences of the inactivation of the mannose-6-phosphate pathway on the growth, migration and drug sensitivity of HeLa cells	Asena Aynaci	Marielle Boonen and Michel Jadot	UNamur
P9	<i>In vivo</i> characterization of <i>A. baumannii</i> lung infection in mice	Emeline Barbieux	Eric Muraille	UNamur
P10	Catelsine, a molecule capable of regulating the tumor stroma and offering new therapeutic options to fight breast cancer?	Daphné Bériot	Alain Colige, Erik Maquoi & Agnès Noël	ULiège
P11	The role of MUC4 and MUC20 in the radioresistance of pancreatic ductal adenocarcinoma	Arthur Bertozzi	Carine Michiels	UNamur
P12	Effects of pharmacological inhibitors targeting the Akt/mTOR pathways to preserve the primordial follicle reserve during ovarian tissue cryopreservation and transplantation	Jules Bindels	Carine Munaut	ULiège
P13	Influence of ethanol and DMSO, two solvents commonly used in fertility studies, on human sperm parameters	Marie Bisconti	Elise Hennebert	UMons

P14	Bacopa Monnieri, a specific inhibitor of AQP1 could improve the vascular oxidative stress in healthy volunteers	Hasnae Boughaleb	Virginie Montiel	UCLouvain
P15	Etude de la réponse pro-sénescence aux traitements anticancéreux dans la prise en charge des patients atteints de cancer tête et cou HPV positif	Karim Bouhjar	Carine Michiels	UNamur
P16	Improving transgene expression in <i>Nicotiana tabacum</i> BY-2 cells by inactivation of <i>RDR6</i> and <i>RDR1</i> genes	Laurent Bouhon	François Chaumont	UCLouvain
P17	Uncoupling predation and competence through <i>ScuR</i> and <i>SarF</i> in <i>Streptococcus salivarius</i>	Guillaume Cerckel	Pascal Hols	UCLouvain
P18	The transcription factor FOXM1 regulates mRNA stability	Margaux Claes	Franck Dequiedt	ULiège
P19	The role of adipocyte G0/G1 Switch Gene 2 ( <i>G0S2</i> ) in the crosstalk between cancer cells and adipocytes	Julie Cremer	Christophe Deroanne	ULiège
P20	The RMM complex: an assembly platform for the meiotic DNA cleavage machinery	Dima Daccache	Corentin Claeys Bouaert	UCLouvain
P21	Microenvironment fine tunes plasticity of esophageal keratinocytes	Benjamin Dassy	Benjamin Beck	ULB
P22	Diesel particles exposure favors lung cancer progression through induction of an immunosuppressive microenvironment.	Marie-Laure Delhez	Didier Cataldo	ULiège
P23	Intracellular ATP controls Gtr-independent activation of TORC1 via <i>Snf1</i>	Christopher Dereppe	Bruno André	ULB
P24	Involvement of novel therapeutic targets in colorectal cancer: 2D and 3D culture models	Emilie Rigaux	Henri-François Renard	UNamur
P25	Modifications of pulmonary macrophages profile after exposure to heated tobacco products.	Perrine Donay	Didier Cataldo	ULiège
P26	Oncolytic Herpes Simplex Virus type 1 armed with CXCL12-antagonist "P2G" to disrupt CXCR4/CXCL12 pathway in Glioblastoma	Maxime Dubois	Catherine Sadzot	ULiège
P27	Maturation of marine adhesive proteins: involvement of tyrosinases in mussels and tubeworms	Emilie Duthoo	Patrick Flammang	UMons
P28	Impact of age and abscess maturity on caseous lymphadenitis serum antibodies in sheep.	Nora El Khalfaoui	Nathalie Kirschvink	UNamur
P29	Telomere maintenance, ER stress, lipid metabolism and innate immune responses: a possible link?	Dan Geelen	Anabelle Decottignies	UCLouvain

P30	Study of the quality of the humoral immune response following COVID-19 vaccination in immunocompromised people	Daphnée Georges	André Matagne	ULiège
P31	Investigation of the ABCB5 $\beta$ transporter dimerization status	Louise Gerard	Jean-Pierre Gillet	UNamur
P32	The release of extracellular vesicles in red blood cell concentrates upon storage is accompanied by the successive impairment of cholesterol- and sphingomyelin-enriched domains	Marine Ghodsi	Donatienne Tyteca	UCLouvain
P33	Role of the Unfolded Protein Response and more specifically the ATF6 pathway in the establishment of UVB-induced premature senescence	Joëlle Giroud	Florence Chainiaux	UNamur
P34	Characterization of the different steps of pancreatic cancer progression in zebrafish by scRNA-seq	Chiara Goossens	Marianne Voz	ULiège
P35	Feeding zebrafish with specific oils rich in polyunsaturated fatty acids: a tool to investigate the impact of specific fatty acid enrichment on disease development.	Apolline Goudmaeker	Cathy Debier	UCLouvain
P36	Phosphoregulation of the yeast Pma1 H <sup>+</sup> -ATPase autoinhibitory domain is mediated by Ptk1/2 kinases and Glc7 PP1 phosphatase and is under TORC1 control	Nadia Guarini	Bruno André	ULB
P37	Characterization of NtWoolly and NtRAX2-like, two transcription factors involved in the development of glandular trichomes of <i>Nicotiana tabacum</i>	Louis Gueuning	Charles Hachez	UCLouvain
P39	<i>In vitro</i> differentiation of phrenic motor neurons from human induced Pluripotent Stem Cells	Nicolas Halloin	Charles Nicaise	UNamur
P40	Uncovering BOD1 mutation effect and its correlation to syndromic intellectual disabilities	Nadine Hamdan	Olivier De Backer	UNamur
P41	Metabolic control of different responses of human cancer cells to X-ray and proton radiotherapy	Eléonore Hardy	Anne-Catherine Heuskin	UNamur
P42	Structural and functional characterization of a copper efflux membrane protein: PcoB from <i>Caulobacter crescentus</i>	Laurelenn Hennaux	Catherine Michaux	UNamur

P43	Deciphering the senescent-like phenotype induced by PARP inhibitors in non-small cell lung cancer cell lines	Camille Huart	Carine Michiels	UNamur
P44	Impact of brain-death and tacrolimus pretreatment on some blood and renal parameters in a pig model	Kaoutar Idouz	Bruno Flamion	UNamur
P45	Using gold nanoparticles and proton therapy to manipulate immunity and improve cancer radiotherapy	Shalini Iyer	Anne-Catherine Heuskin	UNamur
P46	The knockout of SPG21, the gene mutated in hereditary spastic paraplegia 21, leads to pro-cathepsin D hypersecretion and TFEB deregulation in HeLa cells	Thomas Jacqmin	Marielle Boonen	UNamur
P49	Investigation of the bidirectional copper transport across the inner membrane of the free-living <i>Caulobacter crescentus</i>	Hala Kasmó	Jean-Yves Matroule	UNamur
P50	Impact of vacJ deletion on outer membrane composition in <i>P. aeruginosa</i> : consequences on OMVs generation and antibiotic susceptibility	Mandeep Kaur	Marie-Paule Mingeot Leclercq	UCLouvain
P51	Characterization of the molecular role of PcoB in copper efflux in <i>Caulobacter crescentus</i>	Amira Khochtali	Jean-Yves Matroule	UNamur
P52	Uncovering the temporal uncoupling between segregation and division in <i>Bdellovibrio bacteriovorus</i>	Thomas Lamot	Géraldine Laloux	UCLouvain
P53	Acquired resistance to EGFR-targeted therapy in quadruple wild-type colorectal cancer: role of glycation stress	Fanny Lardinois	Akeila Bellahcène	ULiège
P54	Trans-regulation of aquaporin gene expression	Maxime Laurent	François Chaumont	UCLouvain
P55	Uncovering new translational targets across diverse cancer types	Marine Leclercq	Pierre Close	ULiège
P56	c-Jun directly controls spliceosome specificity through RBM39 binding in response to genotoxic chemotherapy	Florence Lemaitre	Yvette Habraken	ULiège
P57	Deciphering the critical interplay between ultraviolet irradiation and beta papillomavirus infection in non-melanoma skin carcinogenesis	Thomas Lerho	Michaël Herfs	ULiège
P58	Study of the connections between pancreatic tumorigenesis and translation control	Maxime Libert	Patrick Jacquemin	UCLouvain

P59	Role of translational reprogramming through tRNA modifications in neonatal gluconeogenesis	Quentin Lion	Alain Chariot	ULiège
P60	Potential of radiotherapy through mitophagy inhibition and induced oxidative stress	Giacomo Lopopolo	Anne-Catherine Heuskin & Thierry Arnould	UNamur
P61	Why having histidine repeats? Tell me HOXA1!	Damien Marchese	René Rezsohazy	UCLouvain
P63	Characterization of CRISP2 in human spermatozoa	Thibault Masai	Elise Hennebert	UMons
P64	Undermining MPV17 function through BiOID-based characterization of its proxisome	Sébastien Meurant	Patsy Renard	UNamur
P65	Macrophage Plasticity and Function in the Head and Neck Tumor Microenvironment in 3D multicellular Spheroid model	Nour Mhaidly	Sven Saussez	UMons
P66	Methylglyoxal regulates the recruitment of tumor-infiltrating immunosuppressive cells in breast cancer	Victoria Mohring	Akeila Bellahcène	ULiège
P67	Structural and biological approaches to further understand the physiology and pharmacology of the SK channels	Antoine Mouchet	Frédéric Kerff	ULiège
P68	Characterization of methylglyoxal stress in human colorectal cancer and liver metastases using immunohistochemistry	Loubna Mouziane	Akeila Bellahcène	ULiège
P69	Reovirus $\sigma 1$ conformational mobility and its influence in binding to host cells	Rita dos Santos Natividade	David Alsteens	UCLouvain
P70	Integrated analysis of cytokine profiles in malaria patients discloses selective upregulation of TGF- $\beta 1$ , TGF $\beta 3$ and IL-9 in mild clinical presentation	Ella Larissa Ndoricyimpaye	Jean-Paul Coutelier	UCLouvain
P71	A novel role for FET oncogenic fusions in alternative splicing	Loïc Ongena	Franck Dequiedt	ULiège
P72	Glucose inhibits glucagon secretion of mice with $\alpha$ -cell-specific deletion of KATP channels	Manjitha Parambath	Patrick Gilon	UCLouvain
P73	m <sup>3</sup> C: a novel mitochondrial mRNA modification in cancer	Audrey Penning	François Fuks	ULB
P74	Study of the role of AMPK in autophagic dysregulation in renal proximal tubular cells exposed to fatty acids	Louise Pierre	Thierry Arnould / Anne-Emilie Declèves	UNamur / UMons
P75	Specification of precursor germ cells from somatic cells during early embryogenesis in <i>C. elegans</i>	Pauline Ponsard	Damien Hermand	UNamur

P76	Histopathological characterization of esophageal tumors and potential involvement of high-risk HPV in carcinogenesis	Celia Reynders	Michaël Herfs	ULiège
P77	Role of DIAPH3 in neural stem cell biology and tumor development.	Rana Saade	Fadel Tissir	UCLouvain
P78	Prdm12 modulates pain-related behavior by remodeling gene expression in mature nociceptors	Alba Sabaté San José	Eric Bellefroid	ULB
P79	Yeast amino acid excretion is promoted at the diauxic shift	Luis Santos Sousa	Bruno André	ULB
P80	Mitochondrial unfolded protein response during brain aging of <i>Nothobranchius furzeri</i>	Oksana Savel	Melissa Page	UCLouvain
P81	<i>In-vitro</i> FLASH study of spheroids irradiated with proton beam at ultra-high dose rate (1000 Gy/s)	Andrea Scarmelotto	Stéphane Lucas	UNamur
P82	Modulation of PD-L1 expression in HPV-driven and non-HPV-driven head and neck cancer after X-ray and charged particle irradiation.	Christoph Schifflers	Carine Michiels	UNamur
P83	Experimental FLASH set-up using a low energy proton beam for in-vitro irradiation	Lucas Schoenauen	Anne-Catherine Heuskin	UNamur
P84	Dietary fatty acids and inflammaging: on the way to a new model?	Hélène Schraeverus	Melissa Page and Yvan Larondelle	UCLouvain
P86	Developing a sense of touch: The role of the transcriptional regulator Dach1 in LTMR development	Tünde Szemes	Eric Bellefroid / Laurence Ris	ULB / UMons
P87	Understanding the consequences of lysosomal storage in cancer cell behavior	Maxence Toussaint	Marielle Boonen	UNamur
P88	High-throughput screening to identify chemical inhibitors of Elongator.	Pauline Tricquet	Damien Hermand	UNamur
P89	Deciphering the dual functions of RhoGDI2 in cancer biology	Mudrika Tripathi	Christophe Deroanne	ULiège
P90	Role of Prdm12 and its interacting partners during sensory neurogenesis in the mouse model	Panagiotis Tsimpos	Eric Bellefroid	ULB
P91	Uncovering a superfamily of nickel-dependent $\alpha$ -hydroxy acid racemases and epimerases	Julian Urdiain-Arraiza	Benoît Desguin	UCLouvain
P92	Radiation-induced antitumor immunity and type I interferon response in syngeneic cancer models	Manon Van den Abbeel	Carine Michiels	UNamur
P93	Structural and functional characterization of the transmembrane lysosomal protein SLC35F6	François Van den Bossche	Michel Jadot	UNamur

P95	Functions of PGRMC1 in the human endometrium	Marie Van Wynendaele	Patrick Henriët	UCLouvain
P96	Into the secrets of the coelomocytes – the immune system sentinels of the endangered sea cucumber <i>Holothuria scabra</i>	Noé Wambreuse	Guillaume Caulier	UMons
P97	Th2-skewing of human circulating iNKT cells in the context of obesity	Chloé Wilkin	Legrand Sylvie	ULiège
P98	Role of endophilin-A3-dependent endocytosis of CD166 in cancer cell immunogenicity	Shiqiang Xu	Pierre Morsomme / Henri-Francois Renard	UCLouvain / UNamur
P99	The collagen hydroxylase LEPRE-1 links UPR signaling and Paneth cell differentiation in the intestine	Xinyi Xu	Alain Chariot	ULiège
P100	Characterization of lysine transport at the yeast vacuolar membrane and study of its physiological role	Evi Zaremba	Bruno André	ULB
P101	Monitoring Stepwise Enzymatic-Dependent Mechanisms of Viral Entry by AFM	Qingrong Zhang	David Alsteens	UCLouvain