

Programme détaillé par journée

Du mardi 4 juin au jeudi 6 juin 2024

Mardi 4 Juin 2024

Chairs	Heures	Session	Intervenants	Titre	
A.LE GOUELLEC / M. LETERTRE	9h00	B	Bienvneue	Pres. RFMF, VP Innovation UnivRen, Dir BiogenOuest , Organisation	
	9h30	S1-CI1	J. IVANISEVIC	(Unleashing the) Potential of Lipidomic Profiling for Population Health Research	
	10h15	S1-O1	J-C. PORTAIS	Regulation of systemic lactate fluxes by brown and beige adipose tissues	
	10h35	CS1	B. BRAHIM	Shimadzu - La spectrométrie de masse informatisée accélère la localisation des C=C pour la lipidomique non ciblée en utilisant la dissociation par attachement d'oxygène	
	10h45		PAUSE		
	11h10	S1-O2	M. TREMBLAY-FRANCO	Integrative multi-modal metabolomics to early predict cognitive decline among Amyloid positive community-dwelling older adults	
	11h30	S1-O3	J. CHAKER	Exploration des liens entre exposome chimique et santé cérébrale : application à large échelle d'une approche non-ciblée basée sur la LC-ESI-IMS-HRMS dans le projet Eglantine	
	11h50	S1-O4	J-C. MARTIN	Early metabolic disruption and predictive biomarkers of delayed-cerebral ischemia in aneurysmal hemorrhage	
	12h10	CS2	F. DROUYÉ	Waters - Pushing the boundaries of large-scale omics studies with Multi Reflecting Time-of-Flight (MRT) technology	
		12h25	R1	REPAS	
J. BERTRAND MICHEL / G. HAJJAR	13h30	P1	Posters Pairs	Numéros Pairs	
	14h30	S1-O5	A. CIRILLO	How can metabolomics help the follow-up management of kidney transplantation recipients? An untargeted based-metabolomics multiplatform study.	
	14H50	S1-O6	C. LE GOFF	Longitudinal NMR-based metabolomics analysis of mountain ultramarathon runners: new perspectives for athletes monitoring and injury prevention	
	15H10	S1-F1	E. NICOL	Ex-vivo study of skin permeability and stability of a topical neurofibromatosis application using a combined LC-MS/MS and MALDI-FTICR imaging workflow	
		S1-F2	M. GALMICHE	Integration of lipidomics and polar metabolomics for a molecular characterization of solvent neurotoxicity	
		S1-F3	M-T. AVELLA	Early biomarkers of transition to psychosis detected by NMR IVDr technique: a pilot study	
		S1-F4	C. PLAZY	Exploration of the metabolic impact of phenylketonuria by metabolomics on Dried Blood Spot	
		15H40	S1-F5	A. DAVID	New markers for monitoring the elimination of the reactive N-Acetyl-p-benzoquinone imine after paracetamol/acetaminophen hepatotoxicity
			S5-Méthodo.	S5-F6	L. LE GREGAM
				S5-F7	H. GHOSSE
			S5-F8	T. HEBRA	Discovery of the first archaean terpene synthases: metabolic engineering meets untargeted metabolomics.
	16h00	CS3	C. MALPICA	Proteigene (Biocrates) - Enabling precision medicine with quantitative metabolomics by biocrates life sciences	
C. LEBLANC / Y. HADDAD	16H15		PAUSE		
	16H40	S2-CI2	S.PRADO	Metabolomics unravels Chemical Signaling within marine and terrestrial holobionts	
	17H25	S2-O7	B. DIEME	Analyse métabolomique des communautés microbiennes de la plastisphère dans le continuum fleuve-mer	
	17h45	S2-O8	M. VALMORI	Complementary evaluation of lipid profiling of <i>Microchloropsis gaditana</i> by SFC and RPLC-HRMS/MS	
	18h05	S2-O9	C. VIZON	Metabolomics and metabarcoding approaches reveal the importance of unseen players from benthic organisms in the behavior of coral larvae	
	18h25	AG	AG Sénior		
	20h15	Cocktail	COCKTAIL	FIN à 22h	

Mercredi 5 Juin 2024

Chairs	Heures	Session	Intervenants	Titre
P. PETRIACQ / T. HEBRA	9h00	S3-CI3	C. ANTONIO	Mass Spectrometry-Based Forest Tree Metabolomics-metabolite responses to a changing climate
	9h45	S3-O10	M. CORSO	Multi-omic analyses elucidate specialized metabolites signature and distribution in developing seeds of the Brassicaceae species <i>Camelina sativa</i>
	10h05	S3-O11	K.MEKBEL	Message in the bottle: A Metabolomics Approach for Authenticating Provence Rosé Wines
	10h25	CS4	B. OMAIS	Sciex - A powerful single method for Metabolic Profiling and Characterization of cell culture media (CCM) components using ZenoTOF 7600
	10h35		PAUSE	
	11h00	S3-O12	S. COLOMBIE	Plant nitrogen metabolism in the growth-defence trade-off highlighted by constraint-based modelling
	11h20	S3-O13	N. SOMMERER	How to improve the resolution of molecular networks? By adding the Ion mobility dimension. An example based on cocoa polyphenol isomers
	11h40	S3-F9	S. PRIGENT	Unraveling <i>Brassica napus</i> leaf metabolic diversity: leveraging machine learning for agronomic traits prediction
		S3-F10	P. LE BOULCH	Diversité phytochimique de collections génétiques de Brassicacées pour la recherche de caractères d'intérêts agronomique et agroécologique
		S3-F11	L. FRETIER	Metabolomics approaches of seed-borne fungal endophytes for enhancing tomato seed performance in challenging environments
		S3-F12	M. LE BOULCH	The UNTWIST project: Unraveling Stress Response Mechanisms in <i>Camelina sativa</i> for Enhanced Crop Resilience in European Agriculture
12h05	CS5	J. JEUDY	Agilent Technologies - Des solutions clef en main pour l'analyse ciblée multi-omique	
12h20	R2	REPAS		
13h30	P2	Posters impairs	Numéros impairs	
S. BERTRAND / C. BERGES	14h30	S4-CI4	F. VERHEGGEN	The smell of death: characterization and applications
	15h15	S4-O14	M-L. GODDARD	Impact de la mycorhization de la vigne sur son métabolisme primaire et ses réponses de défense face à l'infection par <i>Neofusicoccum parvum</i> , agent des dépérissements du bois
	15h35	S4-O15	A. MEJAIT	Evaluation of the environmental fate and impact of biopesticides using an innovative approach coupling high-throughput methods
	15h55	CS6	Y. THIRIET / M.P. PAVAGEAU	ThermoFisher SCIENTIFIC - Orbitrap Astral applied to Metabolomics
	16h10		PAUSE	
	16h45	S4-O16	Y. HADDAD	Unraveling the myth of Natural Deep Eutectic Solvents (NaDES) formation in desiccation tolerant seeds
	17h05	S4-O17	I. EL OUAR	Optimized LC-HRMS/MS workflow for molecular networking to explore the specialized metabolism of <i>Trichoderma reesei</i>
	17h25	S2+S4-F13	T. YON	Dealing with non-model organisms: Annotation of micro-algal metabolites using high-resolution mass spectrometry and advanced dereplication tools.
		S2+S4-F14	A.MEDINA	Insight on the relationship between the meta-metabolome, photosynthesis sensitivities and their natural fluctuation in freshwater microbial communities exposed to a model herbicide
17h25	S2+S4-F15	E. PETI-JEAN	Metabolomics and functional genomics of halogenation mechanisms in brown algae	
17h45	MH	Membre d'Honneur RFMF 2024		
18h30	AG-j	AG RFMF Junior		
20h00	GALA	DINER de GALA		

Jeudi 6 Juin 2024

Chairs	Heures	Session	Intervenants	Titre
F. MEHL / A. ROCHER	9h00	S5-CI5	O. YANES	Decoding Metabolism: Navigating the Data Landscape of Metabolomics
	9h45	S5-O18	P. GIRAUDEAU	Hyperpolarized ¹³ C NMR metabolomics of urine samples at natural abundance applied to chronic kidney disease
	10h05	S5-O19	N. BUTIN	Data-driven ¹³ C-fluxomics towards ab initio reconstruction of metabolic networks
	10h25		PAUSE	
	10h45	S5-O20	D. SAUNIER	Workflow automatisé pour le traitement de données acquises par chromatographie liquide couplée à la spectrométrie de masse à haute résolution (LC-HRMS) pour caractériser l'exposome chimique
	11h05	S5-O21	L. QUIROS-GUERRERO	Improving prioritization methodologies for natural extracts: Integrating diverse data from metabolomics datasets and biological screenings into knowledge graphs
	11h25	CS7	E. RETHORE	Groupe Roullier - La métabolomique comme outil pour le développement de nouveaux produits de nutrition végétale
	11h40	PT	Prix de thèse Rolin-Portais 2024	
	12h10	FIN	Clôture des JS	
	12h30	R3	PANIERS REPAS	
	14h00	V	Visites	