

VII Obesity and Comorbidities Research Center Annual Symposium

February 21st - 22nd, 2022 - Online Event

Symposium Schedule

Monday 21st - Morning		
Time	Speaker	Theme
09h	Licio Augusto Velloso	Opening Session
Lecture 1		
09h05	Prof. Dr. Marco Vinolo University of Campinas, Brazil	Short-chain fatty acids: small molecules with big impact on host-microbiota interactions
09h40		Q&A
Oral Session 1		
9h50	Lais Angélica de Paula Simino	Modulation of microRNAs associated with failure of the cholinergic anti-inflammatory response in obesity
10h05	Thiago Reis	In vitro amino acid restriction leads to impaired mitochondrial metabolism and reduced viability in pancreatic B cells exposed to fatty acids.
10h20	Gabriela Moreira Soares	Role of gut-pancreas axis upon glycemic homeostasis maintenance in obese mice submitted to vertical sleeve gastrectomy
10h35	Daniel Minutti de Oliveira	The liver and the beta cell facing insulin resistance in humans
10h50	Q&A	
Oral Session 2		
11h05	Daniele Mendes Guizoni	Effects of Protein Restriction on Vascular Function of the Pancreas: Role of H2S
11h20	Carine Marmentini	Metformin potentiates pancreatic amyloid-induced INS-1E cell death
11h35	Lohanna Monali Barreto	Evaluation of the effects of Tauroursodesoxylic acid (TUDCA) on the pancreatic beta cells morphofunction of during protein restriction
11h50	Q&A	
Lecture 2		
12h	Prof. Manuel Tena-Sempere University of Cordoba, Spain	Kiss1 neurons and the neuroendocrine control of puberty and reproduction
12h35		Q&A

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Monday 21st - Afternoon		
Time	Speaker	Theme
Lecture 3		
14h30	Prof. Gabriel F. Anê University of Campinas, Brazil	Hypercaloric diets exacerbate allergic asthma during different moments of life
15h05		Q&A
Oral Session 3		
15h15	Frhancielly Shirley Souza Sodrê	Cardiovascular alteration triggered by fetal excess of glucocorticoids and molecular mechanisms
15h30	Victor Corasolla	The effect of SARS-CoV-2 on the brain
15h45	Carolyne B. Braga	Biocompatible and biodegradable nanocarriers for selective and controlled release of natural products in tumor cells
16h00	Q&A	
Oral Session 4		
16h10	Gabriela Alves Bronczek	Effect of resistance exercise training on beta-cell in in vivo and in vitro Type 1 diabetic models
16h25	Letícia Pires	Combined effect of GLP-1 and GPR40 agonists in the treatment of experimental obesity
16h40	Marcelo Gustavo Lopes	Use of fluoxetine during pregnancy: behavioral and structural repercussions of the hippocampus in rat offspring
16h55	Jamaira Aparecida Victorio	Sex differences in perivascular adipose tissue function in obesity: role of the mineralocorticoid receptor
17h10	Q&A	
Lecture 4		
17h25	Dr. Deborah J. Good Virginia Tech, USA	Nhlh2: Discussion of its roles in fertility, obesity and Prader Willys Syndrome
17h55		Q&A

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Tuesday 22nd - Morning		
Time	Speaker	Theme
Lecture 5		
08h30	Dr. Helder Nakaya University of Sao Paulo, Brazil	At the molecular crossroads of obesity and psychiatric disorder
09h05		Q&A
Oral Session 5		
09h15	Marina Norde	Human diet quality index with application in nutritional epidemiology
09h30	Penélope Lacrisio Menta	Effect of interesterified fat on intestinal permeability of rodents
09h45	Walter Emanoel	Impact of history of hypertension and blood pressure at admission on cardiac remodeling and mortality in patients with acute aortic dissection.
10h	Q&A	
Oral Session 6		
10h10	Carolina Vieira Campos	Long-term modulations of maternal lipoprotein metabolism from glucocorticoids use during pregnancy
10h25	Júlia Sevá Gomes	Evaluation of the hypoxia-induced factor (hif) signaling pathway during nephrogenesis in male rats programmed by gestational protein restriction
10h40	Marina Folguieri	Morphological, molecular, and functional heart study during the aging in animals under the protein restriction gestational.
10h55	Q&A	
Lecture 6		
11h05	Dra. Roberta H. Tóvolli Clínic Barcelona, Spain	Pregnancy food craving-like episodes are mediated by accumbens D2R neurons and impairs offspring healthy
11h40		Q&A

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Tuesday 22nd - Afternoon		
Time	Speaker	Theme
Lecture 7		
14h	Dr. Aaron Cypess NIH - NIDDK, USA	Activation of human brown adipose tissue to treat metabolic disease
14h35		Q&A
Oral Session 7		
14h45	Marcelo Miranda de O. Lima	Perspectives of BAT activation in humans to management of obesity and diabetes
15h	Henver Brunetta	Contribution of adipose tissue miRNAs on cardiac function, metabolism and remodeling
15h15	Marcela Simões	Gene-by-environment impact in whole body energy homeostasis
15h30	Bruna Bombassaro	Oral IL10 supplementation restores IL10-KO neonates cold tolerance
15h45	Q&A	
Oral Session 8		
16h	Natália Mendes	Transcriptomic signature of CX3CR1+ hypothalamic microglia and CCR2+ infiltrating monocytes upon high-fat diet-induced inflammation
16h15	Pedro Augusto Nogueira	The Orphan Class A GPCR 68 is Involved in the regulation of the hypothalamic melanocortin system Food Behavior
16h30	André G. Oliveira	Concerted action of Ncor1 and Pabpc4 in response to metabolic stress
16h45	Q&A	
Lecture 8		
16h55	Prof. Leonardo R. Silveira University of Campinas, Brazil	Nr2f6 as a new player of mitochondrial metabolism
17h30		Q&A
17h40	Licio Augusto Velloso	Closing Session

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