VII LATIN AMERICAN COURSE ON LYSOSOMAL STORAGE DISEASES

Gamboa Rainforest Hotel, Panama, October 16-21, 2022

CERTIFICATE

We hereby certify that

Marcela Rodrigues de Freitas

attended the VII Latin American Course on Lysosomal Storage Diseases (LACLSD), held in Panama City, Panama, from October 16 to October 21, 2022, Panama City, Panama (duration = 30 hours - Program attached).

Roberto Giugliani
(on behalf of the Scientic Committee)

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PROGRAM AT A GLANCE – VII LATIN AMERICAN COURSE ON LYSOSOMAL STORAGE DISEASES 2022 – OCTOBER 16-21, 2022 – PANAMA

Oct 16, Sunday	Time	Oct 17, Monday	Time	Oct 18, Tuesday	Time	Oct 19, Wednesday	Time	Oct 20, Thursday	Oct 21, Friday
Arrivals and Check-in 19:00 - Welcome Reception		Breakfast		Breakfast		Breakfast		Breakfast	Breakfast
		SESSION 1: Introduction to LSDs **Chair: *R Giugliani***		**SESSION 5: Fabry Disease** **Chair: *L Figuera***		**SESSION 8: Other LSDs** **Chair: *L Figuera***		**SESSION 9: Case Reports** **Chairs: *L Figuera & F Vairo***	Check-out and departures
	08:00-08:30	Welcome and Introduction ***R Giugliani***	08:30-09:30	Clinical Aspects, Management and Follow up ***R Schiffmann***	08:30-09:15	Niemann-Pick type C and Defects of Lysosomal Membrane ***M T Vanier***	08:30-10:00	Presentation of cases by the students and discussion with faculty members	
	08:30-09:15	Cell Biology and Biochemistry of Lysosomes ***G Baldo***							
	09:15-10:00	Pathophysiology of LSDs ***R Schiffmann***	09:30-10:00	Biochemical and Genetic Diagnosis ***M Burin & F Kubaski***	09:15-10:00	Neurodegeneration and Leukodystrophies ***H Amartino***			
	10:00-10:30	Coffee Break	10:00-10:30	Coffee Break	10:00-10:30	Coffee Break	10:00-10:30	Coffee Break	
		SESSION 1 (cont.): Introduction to LSDs		**SESSION 6: Gangliosidoses** **Chair: *G Pastores***		**SESSION 8 (cont.): Other LSDs**		**SESSION 9 (cont.): Case Reports**	
	10:30-11:15	Clinical Overview of LSDs ***G Pastores***	10:30-11:30	GM1 and GM2 Gangliosidosis: Clinical Aspects and Management ***H Amartino***	10:30-11:15	Acid Sphingomyelinase Deficiency: Clinical Aspects and Management ***M T Vanier***	10:30-11:30	Presentation of cases by the students and discussion with faculty members	
	11:15-12:00	Genetic Aspects and Molecular Diagnosis of LSDs ***L Figuera***	11:30-12:00	**Sponsored talk** Gene Therapy for GM1 gangliosidosis and other neurodegenerative diseases ***D Weinstein***	11:15-12:00	Newborn screening for LSDs ***R Giugliani***			
	12:00-14:00	Lunch	12:00-14:00	Lunch	12:00-13:30	Lunch	11:30-13:00	Lunch	
		SESSION 2: Gaucher Disease **Chair: *H Amartino***		**SESSION 7: Mucopolysaccharidoses** **Chair: *H Amartino***		(time reserved for preparation of case presentations) **13:30 – 22:00** **OPTIONAL NETWORKING TOUR** **(not part of the course program)**		**SESSION 10: Wrap-up** **Chair: *R Giugliani***	
	14:00-14:30	Clinical Aspects ***G Pastores***	14:00-14:45	Clinical Aspects ***J Muenzer***			13:00-13:45	Inflammation and LSDs ***P Rozenfeld***	
	14:30-15:00	Biochemical and Genetic Diagnosis ***P Rozenfeld***	14:45-15:00	Alpha-Mannosidosis and Glycoproteinoses ***J Muenzer***			13:45-14:45	Hematopoietic Stem Cell Transplantation in LSDs ***C Bonfim***	
	15:00-15:30	Gaucher disease: Management and Follow-Up ***G Pastores***	15:00-15:40	Biochemical and Genetic Diagnosis of MPS and Glycoproteinoses ***M Burin & F Kubaski***					
	15:30-16:00	Coffee Break	15:40-16:10	Coffee Break / Official Picture			14:45-15:15	Coffee Break	
		SESSION 3: Pompe Disease **Chair: *M T Vanier***		**SESSION 7 (cont.): Mucopolysaccharidoses**				**SESSION 10 (cont.): Wrap-up**	
	16:00-17:00	Clinical Aspects, Management and Follow up ***H Amartino***	16:10-16:50	Treatment for MPS: Approved Therapies ***R Giugliani***			15:15-16:00	Diagnosis of LSDs in the Genomic Era ***F Vairo***	
	17:00-17:30	Biochemical and Genetic Diagnosis ***M Burin & F Kubaski***					16:00-16:30	Genome Editing ***G Baldo***	
	17:30-18:00	Refreshments					16:30-17:30	Gene Therapy and Future Prospects ***R Schiffmann***	
	18:00-20:00	**SESSION 4: Group work:** Preparation of Case Presentations **Chair: *F Vairo***	16:50-17:30	Treatment for MPS: New Therapies ***J Muenzer***			17:30	Closure ***R Giugliani***	
Dinner	20:00-22:00	Dinner	20:00-22:00	Dinner	20:00-22:00	Dinner	20:00-22:00	Dinner	