



IX LACLS

LATIN AMERICAN COURSE ON
LYSOSOMAL STORAGE DISEASES

September 14 - 18, 2026

Antigua, Guatemala

CERTIFICATE

This is to certify that

Jorge Estanislao La Serna Infantes

Attended the IX LACLS held in Antigua, Guatemala, on September 14th to 18th, 2026.
The event had a total duration of 25 hours (program and details are provided on the back).

Roberto Giugliani
(Course Chairman)

SPONSORS:

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PROMOTION:

Q Lacar



PROGRAM AT A GLANCE

September 14 - 18, 2026
Antigua, Guatemala

	SEP 14 - Monday	SEP 15 - Tuesday	SEP 16 - Wednesday	SEP 17 - Thursday	SEP 18 - Friday
		SESSION 2 (Chair: <i>N Gomez-Ospina</i>)	SESSION 6 (Chair: <i>H Amartino</i>)	SESSION 8 (Chair: <i>P Rozenfeld</i>)	SESSION 12 (Chair: <i>U Ramaswami</i>)
08:00 – 08:40	Arrivals	Clinical Aspects and Management of Gaucher Disease <i>Gregory Pastores (UK)</i>	Laboratory Diagnosis of MPS and Related Diseases <i>Francyne Kubaski (USA/Brazil)</i>	Niemann Pick C and other Lysosomal Transport Diseases <i>Andrés Klein (Chile)</i>	Presentation of selected cases by delegates <i>Discussion with all faculty members, moderated by Luis Figuera (Mexico) and Uma Ramaswami (UK)</i>
08:40 – 09:20		Laboratory Diagnosis of Gaucher Disease <i>Paula Rozenfeld (Argentina)</i>	Treatment for MPS and Related Diseases <i>Joseph Muenzer (USA)</i>	GM1 and GM2 Ceroid Lipofuscinoses <i>Hernán Amartino (Argentina)</i>	SESSION 13 (Chair: <i>G Baldo</i>)
09:20 – 10:00		Acid Sphingomyelinase Deficiency <i>Roberto Giugliani (Brazil)</i>	Hematopoietic Stem Cell Transplantation in LDs <i>Carmem Bonfim (Brazil)</i>	MLD, Krabbe and other Leukodystrophies <i>Natalia Gomez-Ospina (USA/Colombia)</i>	Gene Therapy for LDs <i>Raphael Schiffmann (USA)</i>
10:00 – 10:30		Official Picture / Coffee Break	Coffee Break	Coffee Break	
10:30 – 11:10		SESSION 3 (Chair: <i>G Pastores</i>)	SESSION 7 (Chair: <i>J Muenzer</i>)	SESSION 9 (Chair: <i>C Prada</i>)	Genome Editing for LDs <i>Natalia Gomez-Ospina (USA/Colombia)</i>
11:10 – 11:50		Clinical Aspects and Management of Pompe <i>Uma Ramaswami (UK)</i>	Clinical Aspects, Diagnosis and Management of Fabry <i>Uma Ramaswami (UK)</i>	Inflammation and LDs <i>Paula Rozenfeld (Argentina)</i>	
11:50 – 12:30		Laboratory Diagnosis of Pompe Disease <i>Francyne Kubaski (USA/Brazil)</i>	Key Questions on Gaucher, Fabry and Pompe Disease <i>(Discussion led by Gregory Pastores)</i>	Drug Development Process from Bench to Pharmacy <i>Guilherme Baldo (Brazil)</i>	Key Takeaways Closure <i>Roberto Giugliani (Brazil)</i>
12:30 – 14:00		Clinical Aspects of MPS and Related Diseases <i>Joseph Muenzer (USA)</i>	Use and pitfalls of AI in the diagnosis and treatment of the LDs <i>Raphael Schiffmann (USA)</i>	Modifier Genes in Lysosomal Diseases <i>Andrés Klein (Chile)</i>	NOTE: Course will adjourn by 11:30 to allow timely transfers to the airport
		Lunch at hotel	Lunch at hotel	Lunch at hotel	Lunch at hotel
14:00 – 14:40	Secretary Open (from 14:00)	SESSION 4 (Chair: <i>R Schiffmann</i>)	Networking Afternoon and Evening	SESSION 10 (Chair: <i>A Klein</i>)	Departures
14:40 – 15:20	Hotel check-in (from 15:00)	Alpha-Mannosidosis and other Glycoproteinoses <i>Carlos Prada (USA/Colombia)</i>		Neonatal Screening for LDs <i>Carlos Prada (USA/Colombia)</i>	
15:20 – 16:00	Welcome Reception (15:30)	Mechanism of Neurodegeneration in LDs <i>Hernán Amartino (Argentina)</i>		Diagnosis of LDs in the Multiomic Era <i>Filippo Vairo (USA/Brazil)</i>	
		Variant Interpretation Guidelines for LDs <i>Filippo Vairo (USA/Brazil)</i>		What an Emerging LSD Specialist Should Understand? <i>Uma Ramaswami (UK), Gregory Pastores (UK), Raphael Schiffmann (USA), Joseph Muenzer (USA)</i>	
16:00 – 16:30	SESSION 1 (Chair: <i>R Giugliani</i>)	Coffee Break		Coffee Break	
16:30 – 17:10	Cell Biology and Biochemistry of Lysosomes <i>Guilherme Baldo (Brazil)</i>	SESSION 5 (Chair: <i>F Vairo</i>)		SESSION 11 (Chair: <i>F Vairo</i>)	
17:10 – 17:50	Pathophysiology of LDs <i>Carlos Prada (USA/Colombia)</i>	Group work: Preliminary presentation of cases by delegates in small groups <i>(Supervised by faculty members)</i>		Group work (cont.): Preliminary presentation of cases by delegates in small groups <i>(Supervised by faculty members)</i>	
17:50 – 18:30	Clinical Overview and Genetic Aspects of LDs <i>Luis Figuera (Mexico)</i>	20:00 - Dinner at hotel		20:30 - Special Dinner	
Evening	19:00 - Dinner at hotel				