

# XIX COURSE – LATIN AMERICAN SCHOOL OF HUMAN AND MEDICAL GENETICS – PROGRAM

April 12-18, 2026, Samuara Hotel, Caxias do Sul, RS, Brazil

Sunday April 12		Monday April 13	Tuesday April 14	Wednesday April 15	Thursday April 16	Friday April 17	Saturday April 18
		08:00 to 12:30 SYMPOSIUM 1: DNA AND BEYOND <i>R Giugliani</i>	08:00 to 12:30 SYMPOSIUM 2: POPULATION GENETICS <i>U Matte</i>	08:00 to 12:30 SYMPOSIUM 3: GENOMIC ANALYSIS AND DIAGNOSIS <i>A Rojas-Martinez</i>	08:00 to 12:30 SYMPOSIUM 4: GENETIC TOOLS FOR TREATMENT OF DISEASES <i>I Lopes-Cendes</i>	09:00 to 12:30 SYMPOSIUM 5: GENETICS, PUBLIC HEALTH, AND EDUCATION <i>J Lopez-Camelo</i>	Departures  Transfer to Airport
Arrivals	<b>08:00</b>	Molecular Basis of Diseases <i>U Matte</i>	Human Genome Diversity <i>D Comas</i>	Molecular Diagnosis Approaches in Clinical Practice <i>P Lapunzina</i>	Innovative Therapies for Genetic Metabolic Diseases <i>R Giugliani</i>	09:00 – 10:00 Immunogenetics <i>F Vianna</i>	
Transfer to Hotel	<b>09:00</b>	The Ever-Changing World of RNAs <i>I Lopes-Cendes</i>	Population Medical Genetics <i>L Schuler-Faccini</i>	Prenatal Genomics <i>B Levy</i>	Genome Editing and Gene Therapy <i>G Baldo</i>		
	<b>10:00</b>	Coffee break	Coffee break	<b>Official ELAG Picture</b> Coffee break	Coffee break	10:00 – 11:00 Bioethics and Genetics <i>J E García-Ortiz</i>	
	<b>10:30</b>	Epigenetics <i>R Urrutia</i>	From N-of-1 to N-of-1000s <i>F Vairo</i>	Animal Models for the Study of Monogenic Diseases <i>L Lambert</i>	Molecular Targeted Drugs <i>R Ortiz-Lopez</i>	11:00 – 11:20 <b>Break</b>	
	<b>11:30</b>	DNA Repair and Editing <i>CF Menck</i>	Genetics of Complex Diseases <i>A Rojas-Martinez</i>	Modeling Diseases Using Organoids <i>S Avansini</i>	System Biology Approaches <i>R Urrutia</i>	11:20 – 12:30 AI and Genetic Education <i>I Zarante</i>	
19:30 Opening Session	<b>12:30</b>	Lunch with Faculty	Lunch with Faculty	Lunch	Lunch with Faculty	Lunch with Faculty	
Introduction to ELAG's 19th Course	<b>14:00</b>	<b>Short courses 1, 2 or 3</b>	<b>Short courses 1, 2 or 3</b>	<b>Networking Afternoon</b>	<b>Short courses 1, 2 or 3</b>	Workshop 2: Investigating Undiagnosed Diseases – REBRAND <i>G Baldo, R Giugliani, F Vairo, L Lambert, R Urrutia</i>	
<i>R Giugliani</i> <i>U Matte</i>	<b>15:30</b>	Coffee break	Coffee break		Coffee break	Coffee Break	
	<b>16:00</b>	<b>Short courses 4 or 5</b>	<b>Short courses 4 or 5</b>		<b>Short courses 4 or 5</b>	Workshop 3: RELAGH and Collaborations in Latin America <i>J E García-Ortiz, I Lopes-Cendes</i>	
	<b>18:00</b>	<b>Poster Session</b>	Workshop 1: Variant Analysis - Sponsored by <b>Illumina</b>		<b>Networking Activities</b>	Evaluation and Closing Remarks <i>R Giugliani</i>	
20:30 Welcome Dinner	<b>20:00</b>	Dinner	Multicultural Evening & Dinner	Dinner Offsite	Dinner	Closing Dinner & Celebration	

**SHORT COURSE 1:** Modern epidemiology - *J Lopez-Camelo (Chair), H Krupitzki, J Gili, L Gimenez*

**SHORT COURSE 2:** Preclinical studies for genetic diseases - *G Baldo (Chair), L Lambert, S Avansini*

**SHORT COURSE 3:** Population medical genetics - *I Zarante (Chair), L Schuler-Faccini, D Comas*

**SHORT COURSE 4:** Genomics of Common Diseases - *A Rojas-Martinez (Chair), F Vianna, R Ortiz-Lopez*

**SHORT COURSE 5:** Multiomics in Clinical and Research – *I Lopes-Cendes (Chair), P Lapunzina, B Levy*