

XVIII Course – Latin American School of Human and Medical Genetics

May 19 – May 25, 2024, *Samuara Sky Hotel, Caxias do Sul, RS, Brazil*

Sunday May 19		Monday May 20	Tuesday May 21	Wednesday May 22	Thursday May 23	Friday May 24	Saturday May 25
		08:15 to 12:30 Symposium 1: Genes and Beyond	08:15 to 12:30 Symposium 2: Human Genetics	08:15 to 12:30 Symposium 3: New Tools for Genomic Analysis	08:15 to 12:30 Symposium 4: Genetic Tools for Treatment of Diseases	08:15 to 12:30 Symposium 5: Genetics and Public Health	Departures
Arrivals	8:15	Molecular Basis of Diseases	Human Genome Diversity	Whole Exome and Whole Genome Sequencing	Modeling Diseases Using Organoids	What's the role of genetics in XXI century society?	Transfer to Airport
Transfer to Hotel	09:15		Population Medical Genetics		Innovative Therapies for Genetic Metabolic Diseases	Pre Natal Genomics	
	10:15	Coffee break	Official ELAG Picture Coffee break	Coffee break	Coffee break	Coffee break	
	10:30	The ever-changing world of RNAs	Immunogenetics	Genome Editing	Gene Therapy for Cancer	Polygenic Risk Score	
	11:30	Epigenetics	From n=1 to n=1000	System Biology	Molecular Targeted Drugs	AI and Genetic Education	
	12:30	Lunch with the Faculty	Lunch with the Faculty	Lunch with the Faculty	Lunch with the Faculty	Lunch with the Faculty	
19:30 Opening Session	14:00	Short courses 1, 2 or 3 (group 1)	Short courses 1, 2 or 3 (group 1)	Workshop 2 When isolated people come together	Short courses 1, 2 or 3 (group 2)	Short courses 1, 2 or 3 (group 2)	
	15:45	Coffee break	Coffee break		Coffee break	Coffee Break	
Introduction to ELAG's 18th Course	16:15	Short courses 4, 5 or 6 (group 1)	Short courses 4, 5 or 6 (group 1)	Free Afternoon	Sponsored talk TBD	Workshop 3 Bioethics and Genetics	
	18:00	Poster Session	Workshop 1 Access to diagnosis and therapy in Latin America		Focal Groups	Evaluation and Closing Remarks	
20:30 Welcome Barbecue	20:00	Dinner	Dinner followed by Multicultural Session	Dinner	Dinner	Dinner	

SHORT COURSE: NGS

SHORT COURSE: Variant interpretation

SHORT COURSE: Functional genomics

SHORT COURSE: Genetics epidemiology

SHORT COURSE: Preclinical studies for genetic diseases

SHORT COURSE: Evolutive medicine