

WORKSHOP 3


Análisis estadístico, interpretación y comunicación en genética forense

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Octubre 9, 16, 23 y 30, 2024. 16h-20h (CET)



Programa detallado

Hora (CET)	Semana 1 Octubre 9 '24	Hora (CET)	Semana 2 Octubre 16 '24	Hora (CET)	Semana 3 Octubre 23 '24	Hora (CET)	Semana 4 Octubre 30 '24
16h	Forensic Genetics: Definition and Applications. Evaluating disputed (simple and complex) kinships under a theoretical framework: Statistical evaluation of autosomal markers	16h	Introduction to software Familias. Parametrization: Mutation modelling, allele frequency databases, drop out, substructure. Beyond Familias: Tri-allelic pattern	16h	Simulations and power analyses in kinship testing. Reporting and communication of the statistical results. Working on probabilities	16h	The use of X- and Y - chromosome markers in kinship testing: Applications and Challenges
17h30	Pausa (15 min 17:45)	17h30	 Charla (15 min)	17h30	Pausa (15 min 17:45)	17h30	Pausa (15 min 17:45)
	Evaluating disputed (simple and complex) kinships under a theoretical framework: Statistical evaluation of autosomal markers - continuation		Exercises Software: Familias, R, Quickped		Evaluating kinships with autosomal markers: Wrap-up and Exercises. Software: Familias, R, Quickped		Exercises Software: FamLinkX
19h	Pausa (15 min 19:15)	19h	Pausa (15 min 19:15)	18:30h	Pausa (15 min 18:45)	19h	Pausa (15 min 19:15)
	Exercises		The impact of parametrization in the weight of the evidence		Beyond independent transmission: linkage and linkage disequilibrium Software: FamLink		Participants' challenge Kinship analyses in forensic genetics: Summary and final conclusions
20h	Fin de sesión	20h	Fin de sesión	20h	Fin de sesión	20h	Fin de workshop