

Aula III

10:30-11:00	Coffee Break
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11:00-12:00	SS5: Biostatistical and Artificial Intelligence Methods for Personalized Medicine and Health Chair: Annamaria Carissimo
11:00-11:15	Quantum Machine Learning for Missense Variant Pathogenicity Prediction in the KCNQ Gene Family Markel Garcia · Sara Capponi · Aitor Bergara · Aritz Leonardo
11:15-11:30	Zero-shot phenotype prediction and screening of engineered immune receptor variants using contrastive learning-based workflow Jie Shi · Yenho Chen · Kyle Daniels · Shangying Wang · Sara Capponi
11:30-11:45	A Landmarked Penalised Weibull Framework for Time-Updated Survival Modelling of Heterogeneous Clinical Outcomes in Multiple Sclerosis Francisco José Aparicio Serrano · Ariadna Masot-Llima · Agustín Pappolla · Susana Otero-Romero · René Carvajal · Álvaro Cobo-Calvo · Manel Alberich · María Jesús Arévalo · Georgina Arrambide · Cristina Auger · Joaquín Castillo · Manuel Comabella · Ingrid Galán · Daniel Hernández · Carlos Nos · Jordi Río · Breogán Rodríguez-Acevedo · Jaume Sastre-Garriga · Ángela Vidal-Jordana · Ana Zabalza · Àlex Rovira · Xavier Montalban · Mar Tintoré · Marco Lorenzi · Deborah Pareto · Carmen Tur
11:45-12:00	AI-assisted Single-Cell transcriptomics reveals persistent malignant CD4+ activity in Sézary Syndrome patient Domenico Palumbo · Viola Melone · Luigi Palo · Carlo Ferravante · Giulia Salvatore · Cristina Cristofolletti · Maria Grazia Narducci · Roberta Tarallo
12:00-13:15	BIOSTAT Main Track 1 Chair: Antonello Maruotti
12:00-12:15	Evaluating in-context learning with prompting regimes for transformer-based synthetic health tabular data generation Amanda Bertgren · Fredrik Öhberg · Paolo Soda · Ulf Näslund · Patrik Wennberg · Christer Grönlund
12:15-12:30	Multivariate Model-Based Landmarking Approach in Mixture Cure Models to Dynamic Prediction Bianca Ferraro · Marco Alfò · Marta Cipriani
12:30-12:45	Functional Fuzzy Clustering of Longitudinal biological marker's trajectories Silvia D'Elia · Valeria Paggi · Marco Alfò · Maria Brigida Ferraro
12:45-13:00	Reducing the Size of Breastfeeding Reference Arms in Infant Nutrition Studies Using Prognostic Covariate Adjustment Luca Lavallo
13:00-13:15	A Dependent Dirichlet Process Approach to Population Size Estimation Lucia Gallucci
13:15-14:15	Lunch
13:15-14:15	Lunch