



EULAC PERMED TECHNICAL WORKSHOP

Innovative methodologies for data use and management in PerMed Research

This first technical workshop will take place at the LATU Technology Park in **Montevideo, Uruguay** on **December 12-13**.

It will address the methodological aspects relating to Data use and management in personalized medicine, providing a forum to present and discuss innovative methodologies in PerMed Research.

Specific topics will be presented in interdisciplinary panels by subject matter experts from EU and LAC countries. Approximately 70 participants from EU and LAC countries will attend. Participants were selected through an application based process based on previously defined criteria for excellence. Thirty participants received travel grant covering transportation and accommodation.

A report of the workshop will be elaborated by the organizing Task Force, coordinated by ECRIN and Fiocruz, and will be made publicly available. It will summarize the topics discussed at the workshop and provide specific recommendations for future joint EU-LAC collaborations.

AGENDA

DAY 1: Thursday December 12 th , 2019	
TIME	AGENDA ITEM
14h-14h30	Registration
14h30-14h40	Welcome and agenda presentation – <ul style="list-style-type: none"> • Esther Rodriguez – EULAC PerMed Coordinator • ANII Directives • Jacques Demotes – Director, ECRIN • Manoel Barral Netto – Investigator, FIOCRUZ
TOPIC 1: INTEGRATING DATA FROM MULTIPLE SOURCES	
14h40 - 16h25	Dr. Jorge Samaoya/MsC Preng Biba - Universidad Galileo (Guatemala) Data Science at work: an overview around PerMed
	Dr. Adriano Barbosa da Silva – Queen Mary University (UK/Brazil) Multimodal patient data integration to foster machine-learning aided personalized medicine
	Dr. Josep Maria Haro - Parc Sanitari Sant Joan de Déu (Spain) Integrating cohorts across Europe
16h25-16h35	COFFEE-BREAK
16h35-17h45	Dr. Fabio Porto - Laboratório Nacional de Computação Científica (Brazil) Improving the training of High Performance Athletes based on multidisciplinary Data Analysis
	Rosa Figueroa - Universidad de Concepción / CENS (Chile) Challenges for Secondary use of patient healthcare information in Chile: methods, data quality, results and future perspectives
17h45-18h00	General discussion
20h00	NETWORKING EVENT Sofitel Montevideo Casino Carrasco & Spa (Salón Doré)

DAY 2: Friday December 13th, 2019

TIME	AGENDA ITEM
9h15 - 09h30	Welcome and opening – presentation of the agenda for the day Paula Garcia – ECRIN
TOPIC 2: PATIENT STRATIFICATION STRATEGIES	
09h30 - 10h40	Dr. Helder Nakaya – Universidad de Sao Paolo (Brazil) - Network Medicine of Infectious and Inflammatory Diseases
	Dr. Adrian Turjanski – Universidad de Buenos Aires (Argentina) Translational Bioinformatics: Genomics data for clinicians and patients
10h40 – 10h50	COFFEE BREAK
10h50 - 12h00	Dr. Elmer Fernandez – Universidad de Córdoba (Argentina) Who is there? The new paradigm of molecular signatures.
	Anton USSI – EATRIS (Netherlands) Quality and reproducibility of data at preclinical level for the development of Personalized Medicine, a multiomic perspective
12h00 – 12h20	General discussion
12h20 – 12h30	Closing remarks from ANII Directives
12h30-13h30	LUNCH
TOPIC 3: MULTIMODAL DATA MANAGEMENT AND ANALYSES	
13h30 – 15h15	Dr. Mary Furlan Feitosa - Washington University (USA/Brazil) Disentangling the genetics of complex phenotypes by integrating multiple data sources in meta-analysis of genome-wide association studies
	Dr. Horacio Botti – Universidad de la República (Uruguay) PerMed Uruguay: Preliminary research experiences and development planes associated with C2DASH
	Dr. Stefan Klein - Erasmus MC (Netherlands) Medical Image Analysis for Personalized Medicine
15h15-15h25	COFFEE BREAK



15h25-16h00	Dr Justo Lorenzo Bermejo – University of Heidelberg (Germany) Collaborative research between Europe and Latin America in precision medicine for Chagas disease and gallbladder cancer (via web)
16h00-16h20	General discussion
RECOMMENDATIONS FOR EU – LAC COLLABORATIONS IN PERSONALIZED MEDICINE RESEARCH	
16h20-17h15	Debate and discussion – building EU – LAC cooperation
17h15-17h30	Closing remarks <ul style="list-style-type: none">• Esther Rodriguez – EULAC PerMed Coordinator• Manoel Barral Netto - Investigator, FIOCRUZ
17h30	END OF MEETING