



MICROB·AI·OME



dAIbetes



Joint Workshop Agenda

Integrated Bioinformatics

December 11, 2024

University of Sapienza, Rome

Aula Magna
Via Ariosto, 25
00185 Roma RM, Italy

Wednesday, December 11th 2024

Room **Aula Magna**, University of Sapienza

CET			Chair / Speaker
13:00	Welcome and Opening Remarks	5'	UHAM J. Baumbach
13:05	Networking Lunch	60'	All
14:05	Project Coordinator Talk Microb-AI-ome & dAlbetes	30'	UHAM J. Baumbach
14:35	The challenges in using gut microbiota for colorectal cancer detection Microb-AI-ome	20'	INRAE M. Almeida
14:55	Project Coordinator Talk PRAESIIDIUM	30'	SPINDOX L. Napoletani
15:25	Break	10'	
15:35	Federated AI/database networks/FeatureCloud as a user-friendly platform for federated learning dAlbetes	20'	UHAM S. Süwer & S. Ullah
15:55	Explainable AI and Dynamical Models for Type 2 Diabetes Prediction and Prevention PRAESIIDIUM	20'	CNR A. Paglialonga
16:15	Causal AI for Personalised Prevention of Type 2 Diabetes PRAESIIDIUM	20'	SUPSI L. Azzimonti
16:35	Break	10'	
16:45	AI-based analysis of microbiomes in colorectal cancer Microb-AI-ome	20'	UHAM N. Probul & J. Klemm
17:05	Drug repurposing with Nedrex+Drugst.ONE	20'	UHAM A. Maier
17:25	Open Floor for Questions	15'	UHAM/SPINDOX
17:40	Conclusion Varia, concluding remarks	10'	UHAM J. Baumbach
17:50	End of Workshop		