

11th International Workshop on Alkaptonuria (AKU)

University of Siena, Dept. Biotechnology, Chemistry and Pharmacy
 via Aldo Moro 2 (room 14, 1st floor)
 Wednesday 30th January 2019, 9:30 – 17:00

Participation is free; please register at this link

<https://goo.gl/forms/M6EJSjYnOzEEngch2>



9:00	Registration		13:15	Light lunch	
9:30	Welcome messages from Prof. Francesco Frati , <i>Rector</i> Prof. Annalisa Santucci , <i>Head of Dept. Biotechnology, Chemistry and Pharmacy – Dept. of Excellence 2018-2022</i> Dr. Valtere Giovannini , <i>General Director of Siena University Hospital, Regional Center for Precision Medicine</i> Prof. Antonio Federico , <i>HCP Representative for MetabERN, Corporate and Regional Coordinator for Rare Diseases, Siena University Hospital</i> Dr. Cristina Tinti , <i>Incubation Manager Fondazione TLS</i>			Session 3: AKU imaging Chair: Prof. Gallagher	
			14:15	Dr. Leah Taylor (RLBUH Liverpool, UK)	Assessment of AKU using quantitative image analysis
			14:30	Prof. Jim Gallagher (University of Liverpool, UK)	Joint destruction in AKU
			14:45	Prof. Gabor Barton (Liverpool John Moore University, UK)	Gait analysis in AKU (<i>provisional title</i>)
	Session 1: AKU – Italian medical framework Chair: Prof. Frediani			Session 4: Novel insights on AKU molecular mechanisms and therapeutics Chair: Prof. Santucci	
10:00	Dr. Marco Bardelli (Siena University Hospital, Italy)	PDTA (Percorso Diagnostico Terapeutico Assistenziale for AKU) Guidelines for the diagnosis and clinical management of AKU	15:00	Dr. Andrea Zatkova (Slovak Academy of Sciences, Slovakia)	What does SONIA2 tell us about genetics of AKU
10:15	Dr. Dario Gambera (Rugani Hospital, Siena, Italy)	Orthopaedic surgical interventions in AKU patients	15:15	Dr. Anna Milan (RLBUH Liverpool, UK)	The metabolic consequences of Nitisinone
10:30	Dr. Giuseppe Greco (Rugani Hospital, Siena, Italy)	Morphological studies on ex-vivo cultured AKU human anterior lens epithelial cells	15:30	Dr. Daniela Braconi (University of Siena, Italy)	Molecular mechanisms of AKU physiopathology
10:45	Coffee break		15:45	Dr. Elena Petricci (University of Siena, Italy)	Novel insights on HGA chemical transformation and Rational drug design and synthesis of novel HPPD inhibitors
	Session 2: AKU – International medical framework Chair: Prof. Ranganath		16:00	Dr. Alfonso Trezza (University of Siena, Italy)	An advanced Molecular Dynamics study to discover novel inhibitors of Human 4-hydroxyphenylpyruvate dioxygenase
11:15	Dr. Wendy Introne (NIH, USA)	Alkaptonuria in the United States	16:15	Dr. Andrea Bernini (University of Siena, Italy)	In silico studies of refolding chaperones for HGD
12:00	Hollie Washington (RLBUH Liverpool, UK)	UK National Alkaptonuria Centre and logistics		Session 5: Concluding remarks & future perspectives Chairs: Prof. Santucci and Prof. Gallagher	
12:15	Dr. Jean-Baptiste Arnoux & Dr. Kim-Hanh Le Quan Sang (Necker Hospital, France)	Different experiences about Nitisinone treatment for AKU in French Metabolite Reference Center	16:30	Dr. Vittoria Cicaloni (University of Siena, Italy)	An AKU dedicated digital integrated ecosystem
12:30	Dr. Mariusz Kujawa (Medical University of Gdansk, Poland)	Care for paediatric patients with alkaptonuria	16:45	General discussion and conclusions, Prof. Santucci and Prof. Gallagher	
12:45	Dr. Isaac Jebarai (Christian Medical College, Vellore, India)	Alkaptonuria in India: an update		<u>A parallel AKU patient meeting will run after lunch in room 13 (ground floor)</u>	
13:00	Prof. Maurizio Scarpa, Prof. Sylvia Sestini (MetabERN)	MetabERN - European Reference Networks for hereditary metabolic disorders			