

EADV/ESDR Summer Research Workshop: Skin Microbiota

Resident Course | 29 Jun - 03 Jul 2020 | Lausanne, Switzerland

Programme

Monday 29 June 2020

08:30 - 09:10	Overview skin microbiota, challenges and opportunity - Michel Gilliet
09:10 - 10:10	Clinical cases from the participants
10:10 - 10:40	Break and refreshments
10:40 - 11:20	Sampling techniques and characterization of the skin microbiome - Claudia Treidl Hoffman
11:20 - 12:20	The Skin microbiome opportunity and industry perspective - Apostoulos Pappas
12:20 - 13:20	Lunch
13:20 - 17:20	Practical session: skin sampling, total DNA extraction

Tuesday 30 June 2020

08:30 - 09:10	Skin microbiome in skin diseases - Nanna Fyhrquist
09:10 - 10:10	Clinical cases from the participants
10:10 - 10:40	Break and refreshments
10:40 - 11:20	Skin dysbiosis in AD - Thomas Werfel
11:20 - 12:20	Skin dysbiosis in acne - Brigitte Dreno
12:20 - 13:20	Lunch

13:20 - 17:20 Practical session: DNA extraction followed, 16S amplification, plating skin sampling

Wednesday 01 July 2020

08:30 - 09:10 Skin dysbiosis in rosacea - Curdin Conrad

09:10 - 10:10 Clinical cases from the participants

10:10 - 10:40 Break and refreshments

10:40 - 11:20 Innate immunity to Skin microbiota - Jeremy Di Domizio

11:20 - 12:20 Adaptive immunity to skin microbiota - Karmella Naidoo

12:20 - 13:20 Lunch

13:20 - 17:20 Practical session: bacterial plates analysis, 16S product migration, 16S product purification, library preparation for Seq

Thursday 02 July 2020

08:30 - 09:10 Therapeutic modulation of skin dysbiosis - Bernhard Paetzold

09:10 - 10:10 Clinical cases from the participants

10:10 - 10:40 Break and refreshments

10:40 - 11:20 Fungal microbiome - Emmanuella Guenova

11:20 - 12:20 Skin virome - Bjorn Andersson

12:20 - 13:20 Lunch

13:20 - 17:20 Practical session: bioinformatics, compare culture vs Seq

Friday 03 July 2020

08:30 - 09:10 Dealing with the complexity of microbiome data - Peter Olah

09:10 - 10:10 Integrating microbiome and transcriptomics data - Vassili Soumelis

10:10 - 10:40 Break and refreshments

10:40 - 11:20 Role of skin microbiota beyond the skin - Niki Ubags

11:20 - 11:40 End of the course

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