

European Crystal Network 11th workshop 2020

WORKSHOP PROGRAMME

Paris, march 5-6, 2020

SCIENTIFIC COMMITTEE

Jessica Bertrand (Münster, Germany) **Hervé Kempf** (Nancy, France)
Nathalie Busso (Lausanne, Switzerland) **Frédéric Lioté** (Paris, France)
Hyon K. Choi (Boston, USA) **Fernando Pérez-Ruíz** (Bilbao, Spain)
Michael Doherty (Nottingham, UK) **Alexander So** (Lausanne, Switzerland)
Hang-Korng Ea (Paris, France) **Robert Terkeltaub** (San Diego, USA)
Leo Joosten (Nijmegen, The Netherlands)



Thursday, March 5, 2020

AM SESSION

- 08:45 - 09:00 | Frédéric Lioté (Paris, France), Fernando Pérez-Ruíz (Biskay, Spain)
WELCOME AND INTRODUCTION
- 09:00 - 09:30 | François Chasset (Paris, France)
TREATMENT OF CALCINOSES: AN UPDATE
- 09:30 - 10:00 | Cathy Shanahan (London, England)
A ROLE FOR THE DNA DAMAGE RESPONSE IN VASCULAR CALCIFICATION
- 10:00 - 10:30 | Christophe Duranton (Nice, France)
PPI QUANTIFICATION IN BIOLOGICAL FLUIDS
- 10:30 - 10:45 | [Coffee break](#)
- 10:45 - 11:15 | Sonia Nasi (Lausanne, Switzerland & Munster, Germany)
XANTHINE OXIDOREDUCTASE, A NEW KEY PLAYER IN CHONDROCYTE MINERALIZATION
- 11:15 - 11:45 | Hervé Kempf (Vandoeuvre Les Nancy, France)
ECTOPIC CALCIFICATION SEEN THROUGH A NEW PAIR OF GLASSES
- 11:45 - 12:30 | **3 ORAL COMMUNICATIONS INCLUDING 2020 ECN PRIZE**
- CD11B Activation prevents chondrocyte mineralization and osteoarthritis progression - I. Bernabei *et al.*
 - Calcium pyrophosphate crystal deposition in gouty tophi - HK. Ea *et al.*
 - Regulation of type 1 interferon signaling pathway by urate treatment in primary human mononuclear cells - M. Badii *et al.*
- 12:30 - 14:00 | [Lunch and networking / Poster tour with Alexander So \(Lausanne, Switzerland\)](#)

PM SESSION

- 14:00 - 14:30 | Jessica Bertrand (Magdeburg, Germany)
BCP CRYSTALS REGULATING CHONDROCYTES
- 14:30 - 15:00 | Uri Arad (Hamilton, New Zealand)
ENPP1 INHIBITION – TOWARDS CPPD DISEASE MODIFYING DRUGS.
- 15:00 - 15:30 | Leo Joosten (Nijmegen, Holland)
URATE EXPOSED MONOCYTES; ARE ALL MONOCYTES EQUALLY PRIMED?
- 15:30 - 16:00 | Fabio Becce (Lausanne, Switzerland)
UPDATE IN IMAGING OF CRYSTAL DEPOSITION DISEASES
- 16:00 - 16:15 | [Coffee break.](#)
- 16:15 - 16:45 | Hang-Korng Ea (Paris, France)
GLYCOLYSIS AND INFLAMMASOME MODULATION
- 16:45 - 17:30 | **3 ORAL COMMUNICATIONS**
- Urate induced priming of human monocytes is mediated via the TGF- β pathway - V. Klück *et al.*
 - Calcium pyrophosphate dihydrate (CPPD) crystals but not basic calcium phosphate (BCP) crystals induce syndecan-4 expression in cartilage - S. Nasi *et al.*
 - A putative role of IGF-1R in the pathogenesis of gout through transcription factor - R. Liu *et al.*

Friday, March 6, 2020

AM SESSION

- 08:30 - 09:00 | Yong Li (Freiburg, Germany)
TARGET GENES, VARIANTS, TISSUES AND TRANSCRIPTIONAL PATHWAYS INFLUENCING HUMAN SERUM URATE LEVELS
- 09:00 - 09:30 | Tony Merriman (Dunedin, New Zealand)
GOUT GWAS UPDATE
- 09:30 - 10:00 | David Mount (Boston, USA)
REGULATION OF URATE TRANSPORTERS BY PATHWAYS THAT AFFECT SERUM URIC ACID
- 10:00 - 10:30 | Robert Terkeltaub (San Diego, USA)
IMMUNOMETABOLISM IN GOUT
- 10:30 - 11:00 | **Coffee break**
- 11:00 - 11:30 | Hyon Choi (Boston, USA)
MORTALITY IN GOUT: HYPERURICEMIA, CRYSTALS, BOTH OR NONE?
- 11:30 - 12:15 | **3 ORAL COMMUNICATIONS**
- Carotid atherosclerosis and sonographic signs of urate crystal deposits in patients with gout: an association study - **M. Andrés *et al.***
 - Effect of metformin on clinical gout outcomes in gout patients with diabetes mellitus - **F. Veenstra *et al.***
 - Outpatient rheumatology clinic: is it gout?
The usefulness of the 2015 classification in a clinical setting - **I. Hotea *et al.*** (presented by T. Onea)
- 12:15 - 13:30 | [Lunch time and poster viewing](#)

PM SESSION

- 13:30 - 14:00 | Lisa Stamp (Otago, New Zealand)
NEUTRACEUTICALS IN HYPERURICEMIA AND GOUT
- 14:00 - 14:30 | Thomas Bardin (Paris, France & Vietnam)
HLA B58.01 TYPING AND DRUG REACTION TO ALLOPURINOL
- 14:30 - 15:00 | Miquel Camafort (Barcelona, Spain)
HYPERURICEMIA, GOUT AND THE HEART
- 15:00 - 15:30 | Peter Lipsky (Houston, USA)
PEGLOTICASE - WHAT IS ITS FUTURE AND HOW CAN WE REDUCE IMMUNOGENICITY
- 15:30 - 16:00 | [Coffee break](#)
- 16:00 - 16:30 | Takeshi Nishino (Tokyo, Japan)
NEW INSIGHTS INTO XANTHINE OXIDOREDUCTASE IN BRAIN DISEASES
- 16:30 - 17:30 | **THE GREAT DEBATE: URATE AND DEMENTIA**
- Augustin Latourte (Paris, France): **NOT RELATED**
 - Mats Dehlin (Gothenburg, Sweden): **RELATED**
- 17:30 | **FAREWELL** - Frédéric Lioté (Paris, France), Fernando Pérez-Ruíz (Biskay, Spain)

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