

2nd Early Career Investigators' Workshop

Basic and Clinical Research in Chronic Neutropenias



ECI Workshop Agenda

September **08-10, 2022,**
Palermo, Italy

EuNet 
INNOCHRON

SEVERE CHRONIC
NEUTROPENIA
International Registry



Day 1 - September 8

A. Early Career Investigators (ECI's) Workshop Part I (08:30 – 13:15)

08:30 - 08.45 Registrations

08.45 - 10.00 Introductory Session

Chairs: *Piero Farruggia & Helen Papadaki*

- Welcome to all participants by EuNet-INNOCHRON Chair (*Helen Papadaki*)
- Welcome by Local Organisers, practical Information and overview of the meeting-Institution (*Piero Farruggia*)
- Presentation of the Young EuNet-INNOCHRON Group: Aims and Perspectives (*Maksim Klimiankou/Valentino Bezzeri*)
- Speed dating round of ECIs:

10.00 - 10.15 Coffee break

10.15 - 13.15 GROUP SESSIONS - PART I

Separate pre-defined groups of ECIs will try to work on preselected questions/queries on Chronic Neutropenias under the supervision of facilitators/tutors. Their findings and proposals will be presented and discussed on the third day of the Meeting.

10.15 - 11.45 Group Session 1:

Question/Query: Clinical Diagnosis / Work-up on Chronic Neutropenias /Case reports

*Main literature, most used and useful algorithms, difficult to diagnose situations
Facilitators/Tutors: Andrea Beccaria, Michail Spanoudakis, Grigoris Tsaknakis, Elena Turini*

11.45- 13.15 Group Session 2:

Question/Query: Disease modelling in neutropenia research. Cell lines, primary cells, iPSC, organoids, animal models (mouse, zebrafish).

Facilitators/Tutors: Maksim Klimiankou (Cell lines, primary cells, iPSC), Natalia Alejandra Borbaran Bravo (mouse, zebrafish), Valentino Bezzeri (lab-on-chip, organ-on-chip, organoids)

13.15 - 14.30 Lunch break

14.30 - 18.00 Group 1 & 2 Workshop

(time allocated for preparation of the presentation on Day 3)

14.30 - 18.00 LLP Severe Chronic Neutropenia International Registry Meeting (DAY 1)

End of the Day - Networking Dinner

Day 2 - September 9

B. Early Career Investigators (ECI's) Workshop Part II (14.30 - 18.30)

09.00 - 13.30 LLP Severe Chronic Neutropenia International Registry Meeting (DAY 2)

13.30 - 14.45 Lunch break

14.45 - 18.30 "Meet the experts" session (Chairs: Piero Farruggia & Helen Papadaki)

14.45- 15.00 "Neutropenia clinical disorders related to defective function of neutrophils"

Expert: *Jan Palmblad*

15.00 - 16.30 "Methods to study the basic functions of neutrophils"

Cytokine expression by neutrophils, and related challenges (45 min)

Expert: *Marco Cassatela*

Chemotaxis, Phagocytosis, Generation of reactive oxygen species (ROS), NET formation (45 min)

Expert: *Natalia Alejandra Borbaran Bravo*

16.30 - 16.45 Coffee break

16.45 - 17.15 "Clonal hematopoiesis in patients with severe congenital neutropenia"

Expert: *Siarhei Kandabara*

17.15 - 17.45 "Immune-dysregulation disorders and neutropenia"

Expert: *Francesca Fioredda*

17.45 - 18.30 "The role of flow cytometry in the investigation of neutropenias"

Expert: *Julia Almeida*

18.30 - 19.00 Key-note lecture

Introduction of the speaker by *Carlo Dufour*

Investigating neutropenias: From scratch to leadership.

Speaker: *David Dale*

End of the Day - Networking Dinner

Local Organiser

Piero Farruggia
Pediatric Onco-Hematology



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Day 3 - September 10

C. Early Career Investigators' (ECI's) Workshop Part III (9:00 - 14:00)

09.00 - 10.30 Presentations by the ECIs on the topics discussed and prepared in ECI Workshop part I (Day 1 of the meeting)

Chairs: *Maksim Klimiankou and Valentino Bezzeri*

09.00 - 09.45 Group 1: Clinical Diagnosis / Work-up on Chronic Neutropenias /Case reports

Speaker(s): *(young investigators under the supervision of the tutors of day 1)*

09.45 - 10.30 Group 2: Disease modelling in neutropenia research. Cell lines, primary cells, iPSC, organoids, animal models (mouse, zebrafish).

Speaker(s): *(young investigators under the supervision of the tutors of day 1)*

10.30 – 11.00 Coffee break

11.00 - 12.00 Oral presentations of 4 selected abstracts

Chairs: *Orna Steinberg Shemer - Anna Hovhannisyan*

12.00 - 13.30 Poster walks

Facilitators: *Orna Steinberg Shemer - Aleksandar Celebic - Irene Mavroudi*

13.30 Closing remarks and end of the meeting

VENUE:

Grand Hotel Piazza Borsa, Palermo
Via Cartari 18, 90133 Palermo - Italy

piazzaborsa.it

Tutors/Speakers/ Chairs	Affiliation	City	Country
Julia Almeida	Cancer Research Centre (IBMCC -USAL-CSIC-), Dpt. of Medicine, UNIVERSITY OF SALAMANCA Biomedical Research Institute of Salamanca (IBSAL) CIBERONC	Salamanca	Spain
Andrea Beccaria	Hematology Unit, IRCCS Istituto Giannina Gaslini	Genova	Italy
Natalia Alejandra Borbaran Bravo	University Hospital Tuebingen	Tuebingen	Germany
Valentino Bezzerra	Section of Clinical Biochemistry, University of Verona.	Verona	Italy
Marco Cassatela	Department of Medicine, Section of General Pathology, University of Verona	Verona	Italy
Aleksandar Čelebić	University Clinical Center	Podgorica	Montenegro
David Dale	Department of Medicine, University of Washington	Seattle, WA	USA
Carlo Dufour	Hematology Unit, IRCCS Istituto Giannina Gaslini, Children Research Hospital	Genova	Italy
Piero Farruggia	ARNAS Civico Di Cristina Benfratelli, Pediatric Onco-Hematology	Palermo	Italy
Francesca Fioredda	Hematology Unit, IRCCS Istituto Giannina Gaslini, Children Research Hospital	Genova	Italy
Anna Hovhannisyan	Yerevan State Medical University	Yerevan	Armenia
Siarhei Kandabara	University Hospital Tuebingen	Tübingen	Germany
Maksim Klimiankou	Department of Oncology, Hematology, Immunology, and Rheumatology, University Hospital Tuebingen	Tübingen	Germany
Irene Mavroudi	Haemopoiesis Research Lab University of Crete / Haemopoiesis Department University Hospital of Heraklion	Heraklion	Greece
Jan Palmblad	Department of Medicine Karolinska Institutet, The Hematology Center, Karolinska University Hospital Huddinge	Stockholm	Sweden
Helen Papadaki	Haemopoiesis Research Lab University of Crete / Haemopoiesis Department University Hospital of Heraklion	Heraklion	Greece
Michail Spanoudakis	Department of Haematology, Warrington and Halton Teaching Hospitals NHS foundation Trust,	Warrington	UK
Orna Steinberg Shemer	Department of Pediatric Hematology-Oncology, Schneider Children's Medical Center of Israel	Petah Tikva	Israel
Grigorios Tsaknakis	Haemopoiesis Research Lab, University of Crete	Heraklion	Greece
Elena Turini	Azienda Ospedaliero-Universitaria di Parma	Parma	Italy

*Tutors/Speakers/Chairs in alphabetical Order



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