

Training School

of COST ACTION CA18233, EuNet-INNOCHRON

EuNet 
INNOCHRON

Basic Methods to Purify and Investigate the Discrete Functions of Human Neutrophils



UNIVERSITÀ
di **VERONA**



Training School Agenda

May **03-05, 2023**,
Verona, Italy

EuNet-INNOCHRON | CA18233
European Network for Innovative Diagnosis
and Treatment of Chronic Neutropenias

Day 1 - May 03

- 09:00 - 10:00** **Introduction to the course**
Prof. Cassatella and Prof. Tamassia
- 10:00 - 11:00** **Practical part: "High-purity isolation of human neutrophils - part I"**
Trainers: Dr. Gasperini and Dr. Donini
- 11:00 - 11:15 Coffee Break
- 11:15 - 13:00** **Practical Part: "High-purity isolation of human neutrophils – part II"**
Trainers: Dr. Gasperini and Dr. Donini
- 13:00 - 14:00 Lunch Break
- 14:00 - 15:00** **Practical Part: "Methods to measure and quantify Reactive Oxygen Species"**
Trainers: Dr. Donini and Dr. Gardiman
- 15:00 - 16:30** **Practical Part: "Flow cytometric analysis of resting and activated neutrophil phenotype"**
Trainers: Dr. Calzetti
- 15:45 - 16:00 Coffee Break
- 16:45 - 17:30** **Lesson: "Neutrophil encounters with periodontal pathogens: Untangling complex interactions"**
Prof. Uriarte

Day 2 - May 04

- 09:30 - 10:45** **Practical Part: "High-purity isolation of human neutrophils – part I"**
Trainers: Dr. Gasperini and Dr. Donini
- 10:45 - 11:00 Coffee Break
- 11:00 - 13:00** **Practical Part: "High-purity isolation of human neutrophils – part II"**
Trainers: Dr. Gasperini and Dr. Donini
- 13:00 - 14:00 Lunch Break
- 14:00 - 15:45** **Practical Part: "RNA extraction and reverse transcription"**
Trainers: Dr. Mariotti and Dr. Gardiman
- 15:45 - 16:00 Coffee Break
- 16:00 - 17:00** **Practical Part: "Flow cytometric analysis of neutrophil apoptosis"**
Trainers: Dr. Calzetti
- 17:00 - 17:45** **Lesson: "Heterogeneity of neutrophils"**
Prof. Scapini
- 17:45 - 18:30** **Lesson: "Neutropoiesis"**
Prof. Tamassia and Dr. Calzetti

Day 3 - May 05

- 09:30 - 10:30** **Practical part: "Real time quantitative PCR"**
Trainers: Dr. Mariotti and Dr. Gardiman
- 10:30 - 11:15** **Lesson: Bone marrow failure syndromes and congenital neutropenia**
Dr. Bezzeri
- 11:15 - 11:30 Coffee Break
- 11:30 - 12:15** **Practical Part: "Analysis Real time quantitative PCR"**
Prof. Tamassia and Dr. Gardiman
- 12:15 - 13:00** **Concluding remarks**

Name	Affiliation
Dr. Valentino Bezzeri	Cystic Fibrosis Center, Azienda Ospedaliero Universitaria Integrata di Verona
Dr. Federica Calzetti	Section of General Pathology, Department of Medicine, University of Verona
Prof. Marco A. Cassatella	Section of General Pathology, Department of Medicine, University of Verona
Dr. Marta Donini	Section of General Pathology, Department of Medicine, University of Verona
Dr. Elisa Gardiman	Section of General Pathology, Department of Medicine, University of Verona
Dr. Sara Gasperini	Section of General Pathology, Department of Medicine, University of Verona
Dr. Barbara Mariotti	Section of General Pathology, Department of Medicine, University of Verona
Prof. Patrizia Scapini	Section of General Pathology, Department of Medicine, University of Verona
Prof. Nicola Tamassia	Section of General Pathology, Department of Medicine, University of Verona
Prof. Silvia M. Uriartre	Dept. of Oral Immunology and Infectious Diseases, University of Louisville School of Dentistry

*Tutors/Speakers/Chairs in alphabetical Order

Local Organiser

Prof Marco A. Cassatella and Prof Nicola Tamassia
Section of General Pathology,
Department of Medicine in the University of Verona, Italy

Venue

Section of General Pathology, Department of Medicine,
University of Verona
Strada Le Grazie, 8, Verona 37134, Italy

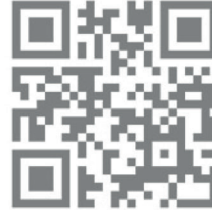


UNIVERSITÀ
di **VERONA**



COST Association

Avenue du Boulevard -
Bolwerklaan 21,
1210 Brussels Belgium
T +32 (0)2 533 3800
F +32 (0)2 533 3890
office@cost.eu
www.cost.eu



EuNet - INNOCHRON

European Network for Innova-
tive Diagnosis and Treatment of
Chronic Neutropenias
T +30 (0) 2810 39 4637

coordinator@eunet-innochron.eu
www.eunet-innochron.eu

This article/publication is based upon work from COST Action European Network for Innovative Diagnosis and Treatment of Chronic Neutropenias (CA18233), supported by COST (European Cooperation in Science and Technology).

COST (European Cooperation in Science and Technology) is a funding agency for research and innovation networks. Our Actions help connect research initiatives across Europe and enable scientists to grow their ideas by sharing them with their peers. This boosts their research, career and innovation.

www.cost.eu



 @EuNet.INNOCHRON

 @eunet_innochron