

I T S  
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T H O R A C I C  
S O C I E T Y



A I P O

A S S O C I A Z I O N E  
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P N E U M O L O G I  
O S P E D A L I E R I

Permanent School  
of **INTERVENTIONAL  
PULMONOLOGY**



# TRANSBRONCHIAL CRYOBIOPSY IN DIFFUSE PARENCHYMAL LUNG DISEASE

**8<sup>th</sup> edition**

 **International  
Workshop**

Endorsed by



**16<sup>th</sup> -17<sup>th</sup>  
September  
2021**

 **LIVE WEBINAR**  
COURSE HELD AS LIVE WEBINAR VIA MULTIMEDIA PLATFORM

# TRANSBRONCHIAL CRYOBIOPSY IN DIFFUSE PARENCHYMAL LUNG DISEASE

8<sup>th</sup> edition

## RATIONALE

The diagnostic work-up of diffuse parenchymal lung disease needs identification of the morphological aspects in a significant minority of patients. Surgical lung biopsy is considered the most efficient method to reach the goal so far. However it is associated to a significant incidence of morbidity and mortality mainly when the definite diagnosis will be Idiopathic Pulmonary Fibrosis (IPF) or in elderly.

Transbronchial cryobiopsy is a new bioptic approach in subjects with diffuse parenchymal lung disease that is gaining consideration in the scientific community. Its safety profile is significantly better than that of surgical lung biopsy and its sensitivity and specificity appear very good especially in patients with IPF. Recent studies and documents have defined, at least in part, modalities by which cryobiopsies should be taken out, its safety profile and the clinical role of this technique in the diagnostic work-up of patient with diffuse parenchymal lung disease.

*In this Course the technical aspects of transbronchial cryobiopsy, recommended standards of the technique, its diagnostic role will be presented and discussed.*

Venerino Poletti, Stefano Gasparini



# International Workshop

16<sup>th</sup> -17<sup>th</sup> September 2021

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## FACULTY

**Jouke Tabe Annema**, Amsterdam - NL  
**Katerina Antoniou**, Heraklion - G  
**Emanuela Barisione**, Genova  
**Elisabeth Bendstrup**, Aarhus - DK  
**Michela Bezzi**, Brescia  
**Martina Bonifazi**, Ancona  
**Marco Chilosi**, Peschiera del Garda (VR)  
**Vincent Cottin**, Lyon - F  
**Claudio Doglioni**, Milano  
**Alessandra Dubini**, Forlì  
**Giuseppe Failla**, Napoli  
**Stefano Gasparini**, Ancona  
**Felix Herth**, Heidelberg - D  
**Jurgen Hetzel**, Winterthur - CH  
**Naftali Kaminski**, New Haven, CT - USA  
**Fabien Maldonado**, Nashville, TN - USA  
**Francesco Muratore**, Reggio Emilia  
**Jeffrey L. Myers**, Ann Arbor, MI - USA  
**Sara Piciucchi**, Forlì  
**Venerino Poletti**, Aarhus - DK, Bologna, Forlì  
**Silvia Puglisi**, Forlì  
**Silvia Quadrelli**, Buenos Aires  
**Ganesh Raghu**, Seattle, WA - USA  
**Claudia Ravaglia**, Forlì  
**Elisabetta Renzoni**, London - UK  
**Sara Tomassetti**, Firenze  
**Alfons Torrego**, Barcelona - S  
**Lauren K. Troy**, Sydney - AUS  
**Eliza Tsitoura**, Heraklion - G  
**Athol U. Wells**, London - UK  
**Wim Wuyts**, Leuven - BE  
**Lonny Brett Yarmus**, Baltimore, MD - USA  
**Lina Zuccatosta**, Ancona

# TRANSBRONCHIAL CRYOBIOPSY IN DIFFUSE PARENCHYMAL LUNG DISEASE

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16<sup>th</sup> September 2021

08:00-08:15 Web registration

08:15-08:30 Welcome and Introduction

S. Gasparini, V. Poletti

## I SESSION: Basic Science Corner/Connections

*Chairperson: K. Antoniou, M. Bonifazi*

08:30-09:00 Mitochondria and other stuff: their role in ILDs

E. Tsitoura

09:00-09:30 COVID-19 interstitial pneumonia and fibrosing ILDs

M. Chilosi

09:30-10:00 Molecular analysis on small samples  
for UIP diagnosis

G. Raghu

## II SESSION: Clinical views I

*Chairperson: S. Gasparini*

10:00-10:30 CT: the lessons from COVID-19

S. Piciucchi

10:30-11:00 Lung cancer and IPF

C. Doglioni

11:00-11:30 Clinical features of progressive fibrosing ILDs

A.U. Wells

11:30-12:00 Autoinflammatory disorders

F. Muratore

12:00-12:30 A mystery case

A. Dubini, S. Piciucchi, S. Puglisi

**12:30-14:00 Break**

14:00-14:30 A mystery case

A. Dubini, S. Piciucchi, S. Puglisi

## III SESSION: Technical Corner I

*Chairperson: L. Zuccatosta*

14:30-15:00 Cryosurgery: physics and applications

J. Hetzel

15:00-15:30 Transbronchial cryobiopsy: the techniques

J. Hetzel

15:30-16:00 Robotic bronchoscopy

L. Yarmus

**16:00-16:15 Break**

## IV SESSION Technical Corner II

*Chairperson: S. Puglisi*

16:15-16:45 Guiding systems for TBCB

J. Annema

**Lecture no CME**

16:45-17:00 Dante's modernity 700 years after his death

V. Poletti

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## V SESSION: Clinical views II

Chairperson: A. U. Wells

08.00-08:30	The role of immunohistochemistry and molecular biology on cryobiopsy samples	M. Chilosi
08:30-09:00	Pathologic identification of UIP/Chronic HP/NSIP on TBLC	J. L. Myers
09:00-09:30	The diagnostic work-up for ILDs: a logic approach	W. Wuyts
09:30-10:00	TBLCB: diagnostic accuracy	L. Troy
10:00-10:30	TBLCB: prognostic impact	S. Tomassetti
10:30-11:00	Interactive Online discussion	

## VI SESSION: TBLCB in specific settings

Chairperson: M. Bezzi

11:00-11:30	TBLCB in ICU	A. Torrego
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### Lecture

11:30-12:00	IPF and surroundings: treatment update	E. Renzoni
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## VII SESSION: Focus on Centers

Chairperson: E. Barisione

12:00-12:30	Heidelberg ThoraxKlinik	F. Herth
12:30-12:45	Forlì Morgagni Hospital	C. Ravaglia
12:45-13:00	Ancona Torrette Hospital	S. Gasparini

13:00-14:00 *Break*

## VIII SESSION: Guidelines/Statements

Chairperson: G. Failla

14:00-14:20	ERS guidelines	V. Poletti
14:20-14:40	American guidelines/statements	F. Maldonado
14:40-15:00	WABIP point of view	S. Quadrelli

## IX SESSION: Lectures

Chairperson: E. Bendstrup

15:00-15:30	Lectio Magistralis: IPF pathogenesis	N. Kaminski
15:30-16:00	COVID-19 related lung fibrosis: is it a reality?	V. Cottin
16:00	Closing remarks	S. Gasparini, V. Poletti



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## **TECHNICAL INFORMATION**

Course held as live webinar via multimedia platform. Please carefully consult the Program and the timetable to be present in the virtual classroom at the set time. At the end of the Course in Synchronous FAD mode the learner will have 72 hours to fill in the evaluation and satisfaction questionnaires, both essential for obtaining CME credits. The participation of learners is detected by registering access to the platform. For the purposes of certifying the CME training credits, the actual presence of 90% of the participants is required the overall duration of the training event. For use and access to the course in Synchronous FAD mode they will be a computer (Windows or Mac) with internet connectivity of a standard navigation browser is required (Internet Explorer, Firefox, Chrome, Opera, Safari)



## CHAIRS

*Venerino Poletti*

Department of Respiratory Diseases and Allergy,  
Aarhus University Hospital, Aarhus - Denmark

Thoracic Diseases Department,  
GB Morgagni Hospital/ University of Bologna, Forlì - Italy

*Stefano Gasparini*

Department of Biomedical Sciences & Public Health  
Polytechnic University of Marche Region, Ancona - Italy

## OFFICIAL LANGUAGE

English

The event time is according to



## CONTINUING MEDICAL EDUCATION (CME) ACCREDITATION

The Course will be accredited by AIPO  
AIPO 5079 Standard Accredited Provider  
(Italian Association of Hospital Pulmonologists)  
to provide Continuing Medical Education (CME) for Italian Physicians.

Educational objective 2: guidelines,  
procedures and clinical documentation

ID Code: 327359

Number of participants: 60

Italian CME Credits: 22,5

Accredited Disciplines: Pulmonology, Oncology, Pathological Anatomy, Thoracic Surgery

## FREE REGISTRATION



# REGISTRATION



# INTL REGISTRATION

To certificate CME credits, participants must attend 90% of the Scientific Program

### ORGANIZING SECRETARIAT

A I P O  
R I C E R C H E



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