# HEMATOLOGY ACADEMY:\* CURRENT PRACTICES AND GROUNDBREAKING INNOVATIONS IN BLOOD CANCER TREATMENT

High-level training project in the oncohematology field

# SCIENTIFIC COMMITTEE

**FRANCESCO ALBERGO** 

LUM School of Management, Casamassima (BA)

STEFANO MOLICA

Hull University Teaching Hospitals NHS Trust, Hull (UK)



ATTENDEES

20 Hematologists

# **CALENDAR**

MODULE 0

**December, 16 2024** 

o webinar // 2 h

HEMATOLOGY IN FOCUS: BRIDGING CLINICAL INSIGHTS WITH MANAGEMENT STRATEGIES

Chairman: S. Molica - Expert: F. Albergo

**MODULE 1** March, 7 and 8 2025

o residential // 12 h

FROM CLINICAL GUIDELINES TO RESEARCH EXCELLENCE: BUILDING ADVANCED SKILLS FOR HIGH-IMPACT OUTCOMES

Chairmen: F. Frigeri, S. Molica

Experts: D. Giannarelli, M. C. Masone,

T. Munir, T. Robak

**MODULE 2** March, 21 and 22 2025

o residential // 12 h

HARMONIZING NEW THERAPIES WITH NATIONAL HEALTH FRAMEWORKS

Chairmen: *M. Martino, G.A. Palumbo*Experts: *F. Albergo, J. de la Rubia, A. Rosa* 

MODULE 3 April, 11 and 12 2025

o residential // 12 h

SHAPING THE FUTURE OF HEMATOLOGY: INNOVATIONS IN BLOOD RESEARCH AND CLINICAL CARE

Chairmen: F. Gaudio, M. Rossi

Experts: P. Del Vecchio, J. M. Middeke

**MODULE 4** June, 27 and 28 2025

o residential // 12 h

IMPLEMENTING HEALTHCARE
HUMANIZATION PROCESSES IN
ONCO-HEMATOLOGY: THE POWER OF
COMMUNICATION AND COUNSELING

Chairmen: S. Mancuso, G. Tarantini

Experts: M. Abbinante, C. Cenci, A. Ferrajoli

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**Webinar Training** 

# HEMATOLOGY IN FOCUS: BRIDGING CLINICAL INSIGHTS WITH MANAGEMENT STRATEGIES

# **EXPERT**

FRANCESCO ALBERGO

LUM School of Management, Casamassima (BA)

CHAIRPERSON

STEFANO MOLICA

Hull University Teaching Hospitals NHS Trust, Hull (UK)



December, 16 2024 3:00 pm - 5:00 pm CEST GoToWebinar platform

# MODULE 0

- o 3:00 Keynote Lecture: "The Evolution of the Role of the Hematologist Between Clinic and Management" Speaker: S. Molica
- 3:45 What Competencies are Needed? Speaker: F. Albergo
- 4:15 Management in Hematology: Balancing Clinical Practice and Organizational Needs Speakers: S. Molica, F. Albergo
- 4:45 **Q&A Session** All Participants
- 5:00 Closing Remarks



Residential

# FROM CLINICAL GUIDELINES TO RESEARCH EXCELLENCE: BUILDING ADVANCED SKILLS FOR HIGH-IMPACT OUTCOMES

# **CHAIRMEN**

# **FERDINANDO FRIGERI**

AORN Sant'Anna e San Sebastiano, Caserta

# **STEFANO MOLICA**

Hull University Teaching Hospitals NHS Trust, Hull (UK)

# **EXPERTS**

# **DIANA GIANNARELLI**

Fondazione Policlinico Universitario Agostino Gemelli IRCCS, Roma

# **MARIA CHIARA MASONE**

Nature Reviews Urology, London (UK)

# **TALHA MUNIR**

Leeds Teaching Hospitals NHS Trust, Leeds (UK)

# **TADEUSZ ROBAK**

Medical University of Lodz, Poland

Clinical guidelines | Expert: T. Robak Chairperson: F. Frigeri

# 2:00 Opening & day agenda - F. Frigeri, S. Molica

Guidelines: The Development Process

2:30 Speaker: T. Robak

# CLL Guidelines: From Development to Clinical Imple-

- o Methodology: Overview of the methods used in updating the guidelines
- o Management of Early Disease: Best practices and recommendations for early-stage chronic lymphocytic leukemia (CLL)
- o Management of Advanced Disease: Strategies for treating
- First-Line Treatment: Recommended initial treatment options for CLL patients
- Relapsed/Refractory Treatment: Approaches for managing patients with relapsed or refractory CLL
- o Final Recommendations: Summary of key guideline recommendations for clinical practice

### 4:00 Coffee Break

4:15 Speaker: F. Frigeri

### Establish preliminary standard of work

- o Identifying the Panel of Experts: Selecting qualified individuals to contribute to the guideline development
- Stakeholder Involvement: Engaging relevant parties, including patients, healthcare professionals, and policymakers, to ensure comprehensive input
- Transparency and Management of Conflicts of Interest: Establishing procedures to disclose and manage potential conflicts to maintain the integrity of the process
- o Literature Review: Conducting a systematic review of existing research to support quideline recommendations

6:00 Speaker: S. Molica

### Steps leading to formulation

- o Grading the Level of Evidence and Recommendations: Assessing the quality of evidence and strength of recommendations based on established criteria
- Development of Guidelines: Formulating clear and actionable recommendations for clinical practice
- Guidelines Publication: Outlining the process for publishing the guidelines to ensure accessibility and dissemination
- o Updating Procedures: Creating a structured approach for regular updates based on new evidence or clinical practice
- 7:30 **Conclusions and Final Discussion -** Open forum for participants to discuss the guidelines, address questions, and provide feedback

### Day 2 - March, 8 2025 8:30 am - 2:15 pm CEST

Improving scientific skills: Critical Reading of Scientific Reports, writing scientific papers, designing a clinical trial

Experts: D. Giannarelli, M.C. Masone, T. Munir

Chairmen: F. Frigeri, S. Molica

8:30 Opening & day agenda - F. Frigeri, S. Molica

9:00 T. Munir

# Steps in Designing and Conducting a Clinical Trial: The **Experience of FLAIR**

1 Define the Hypothesis: Clearly state the research question or hypothesis that the clinical trial aims to test

- 2 Develop Inclusion and Exclusion Criteria: Determine the specific characteristics of participants who can and cannot take part in the study
- **3 Calculate the Sample Size:** Use statistical methods to estimate the number of participants needed to achieve reliable results
- 4 Identify the Endpoints: Define the primary and secondary outcomes that will be measured to assess the effectiveness and safety of the intervention
- **5** Gain Ethics Approval: Obtain approval from an ethics committee or institutional review board to ensure that the study meets ethical standards
- 6 Analyze the Data: Plan and conduct statistical analyses to interpret the results of the trial
- 7 Minimize Bias: Implement strategies such as randomization, blinding, and control groups to reduce potential biases in the
- 8 Publish Results: Share the findings of the study through publication in a peer-reviewed journal and other scientific platforms

# 10:00 Speaker: M. C. Masone

### **Recommendations** for Reporting, Editing, and Publishing a High-Quality Scientific Journal: Faceto-Face with the Editor-in-Chief

- Criteria for Acceptance: Originality and Importance of Observations Discussing what makes research findings significant and how originality impacts acceptance.
- o Manuscript Organization and Clarity Guidelines on structuring a manuscript to enhance readability and comprehension. Tips for clear scientific writing and effective communication of research.
- Understanding the Revision Process An overview of the editorial and peer-review process.

Common pitfalls to avoid during the review stage.

- Responding to Referee Criticisms: Preparing a Revised Version Strategies for addressing reviewer comments and making necessary revisions.
  - Best practices for resubmission to maximize acceptance chances.
- Can new technologies help in scientific Writing? Exploring their role in drafting and refining scientific papers. Ethical considerations and limitations in academic writing.

# 11:00 Coffee Break

11:15 Speaker: D. Giannarelli

# Critical Appraisal of a Medical Publication or Presentation

- A guidance on how to evaluate reports of clinical trials
- Understanding the relevance of clinical trial results
- Understanding biases of clinical trials
- Statistical and machine learning methods for research and clinical practice
- The evaluation of evidence and applicability of trial findings to clinical practice

# 12:00 Speaker: D. Giannarelli

## Clinical Ethics Committee in Onco-hematologic Research

- Informed Consent Review and Safeguarding Patient Autonomy
- Ethical Review of Experimental Therapies and Compassionate Use
- Equity in Access and Avoiding Bias
- Community Representation and Transparency
- 1:00 Facilitators: F. Frigeri, D. Giannarelli, S. Molica

## **Practical Workshops**

- 1:00 Practical Workshop 1 (Tutorial) Critical Reading of Scientific Reports
- 1:45 Practical Workshop 2 (Tutorial) designing a clinical trial
- 2:15 Conclusions and Final Discussion S. Molica, F. Frigeri



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# HARMONIZING NEW THERAPIES WITH NATIONAL HEALTH FRAMEWORKS

# **CHAIRMEN**

**MASSIMO MARTINO** 

Grande Ospedale Metropolitano di Reggio Calabria

**GIUSEPPE ALBERTO MARIA PALUMBO** 

Università di Catania

# **EXPERTS**

**FRANCESCO ALBERGO** 

LUM School of Management, Casamassima (BA)

**JAVIER DE LA RUBIA** 

Hospital Universitario y Politécnico de La Fe, Valencia (Spain)

**ANGELO ROSA** 

LUM School of Management, Casamassima (BA)

# Organization of the Care System in Hematology and Operational Implications of DM77 and the PNRR

Expert: F. Albergo

Chairmen: M. Martino, G. Palumbo

## 2:30 Opening & day agenda - M. Martino, G. Palumbo

### 3:00 Speaker: G. Palumbo

# How the Organizational Model is Changing in the Management of Chronic Conditions in Hematology

- Evolution of the organizational model
- New strategies for managing chronic conditions
- Integration between hospital and community care

### 4:00 Speaker: M. Martino

# The Role of the Unit Director in Patient Management from Intake to Chronic Condition Management: Pathological Networks and the PDTA

- Competencies and responsibilities of the Unit Director
- Organization of pathological networks
- Diagnostic-Therapeutic Care Pathways (PDTA)

### 5:00 Coffee Break

# 5:15 Speaker: F. Albergo

# Updates from DM77 and the Impact of the PNRR on Hospital-Community Organization

- Innovations introduced by DM77
- Impact of the National Recovery and Resilience Plan (PNRR) on healthcare
- o Improvements in hospital-community organization
- Operational aspects and future challenges
- Open discussion and Q&A
- Interactive discussion with the chairpersons and experts on discussed topics

### 8:30 Conclusions of the Day

# Day 2 - March, 22 2025 8:30 am - 2:30 pm CEST

# Streamlining Care Processes: From Intake to Treatment Pathways

**Experts:** J. de la Rubia, A. Rosa **Chairmen:** M. Martino, G. Palumbo

### 8:30 Opening & day agenda - M. Martino, G. Palumbo

### 9:00 Speaker: J. de la Rubia

# Management of chronic conditions and frailty in patients with onco-hematological malignancies

- Implementation of geriatric oncology
- Achievements and challenges faced

### 10:30 Speaker: A. Rosa

# Lean Management and Streamlining Diagnostic and Therapeutic Pathways

- Principles of Lean Management
- Application of Lean Management in diagnostic and therapeutic pathways
- Reduction of inefficiencies and improvement of care quality
- Case studies and practical results

### 11:30 Coffee Break

# 11:45 Facilitators: M. Martino, G. Palumbo, A. Rosa

# Workshop: Application of Lean Management Principles

- Analysis of a Lean Pathway: Pathway 1
- Identification of inefficiencies and improvement proposals
- Discussion of results

# 12:45 Facilitators: M. Martino, G. Palumbo, A. Rosa

# Workshop: Application of Lean Management Principles

- Analysis of a Lean Pathway: Pathway 2
- Identification of inefficiencies and improvement proposals
- Discussion of results

# 2:30 Conclusions and Closing of the Course

M. Martino, G. Palumbo



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# SHAPING THE FUTURE OF HEMATOLOGY: INNOVATIONS IN BLOOD RESEARCH AND CLINICAL CARE

# **CHAIRMEN**

**FRANCESCO GAUDIO** 

LUM School of Management, Casamassima (BA)

**MARCO ROSSI** 

Azienda Ospedaliera-Universitaria Dulbecco, Catanzaro

# **EXPERTS**

**PASQUALE DEL VECCHIO** 

LUM School of Management, Casamassima (BA)

**JAN MORITZ MIDDEKE** 

University Hospital Dresden

Expert: J.M. Middeke

Chairmen: F. Gaudio, M. Rossi

## 2:30 Opening & day agenda - M. Rossi, F. Gaudio

3:00 Speaker: M. Rossi

# **Scientific Work and Technological Evolution**

- Practical Examples
- Advantages and Future Challenges
- 4:00 Speaker: F. Gaudio

### **Definition and Characteristics of Big Data**

- Big Data: Implications and Future Prospects in Research
- Ethical and Legal Implications of Big Data
- 5:00 Coffee Break
- 5:15 Speaker: J. M. Middeke

# Al for research, diagnostics and treatment stratification in Oncohematology

- Deep Dive into Diagnostics
- Applications in Onco-Hematological Research
- Practical Examples in Onco-Hematological Research
- 6:45 Speakers: F. Gaudio, J. M. Middeke, M. Rossi

## **Challenges and Ethical Considerations**

- Q&A with the Chairmen and the Expert
- Interactive Discussion on Topics Covered
- Open Questions
- 8:30 Conclusions of the Day

Chairmen: F. Gaudio, M. Rossi

# 8:30 Opening & day agenda - M. Rossi, M. Gaudio

9:00 Speaker: P. Del Vecchio

Expert: P. Del Vecchio

# The Impact of New Models in Decision-Making Processes: The Role in Clinical Practice

- Use of New Models in Clinical Decision-Making Processes
- Advantages in Clinical Practice
- Case Studies and Practical Applications
- 10:00 Speaker: M. Rossi

# The Patient Journey of the Onco-Hematological Patient: Presentation of Pathway 1

- Presentation of the Care Pathway
- Detailed Insight
- Documentation Analysis
- 11:00 Coffee Break
- 11:15 Speaker: F. Gaudio

# The Patient Journey of the Onco-Hematological Patient: Presentation of Pathway 2

- Analysis of a Lean Pathway: Pathway 1
- Identification of inefficiencies and improvement proposals
- Discussion of results
- 12:15 Facilitators: M. Rossi, F. Gaudio, P. Del Vecchio

### **Practical Workshop 1**

- Deep Dive and Comparison of Pathway 1: Past vs. Future
- Comparison of Proposed Solutions
- Discussion of Results
- 1:15 Facilitators: M. Rossi, F. Gaudio, P. Del Vecchio

### **Practical Workshop 2**

- Deep Dive and Comparison of Pathway 2: Present vs. Future
- Group Division for Proposal Revision of the Pathway
- Comparison of Proposed Solutions
- Discussion of Results
- 2:30 Conclusions and Closing of the Course

M. Rossi, F. Gaudio



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# IMPLEMENTING HEALTHCARE HUMANIZATION PROCESSES IN ONCO-HEMATOLOGY: THE POWER OF COMMUNICATION AND COUNSELING

# **CHAIRMEN**

**SALVATRICE MANCUSO** 

Università di Palermo

# **GIUSEPPE TARANTINI**

Ospedale M. Dimiccoli, Barletta

**EXPERTS** 

**MICAELA ABBINANTE** 

**ASL BT** 

**CRISTINA CENCI** 

DNM srl, Roma

**ALESSANDRA FERRAJOLI** 

University of Texas, MD Anderson

Narrative Medicine: Communication with patients for improving quality of life and care

Experts: M. Abbinante, C. Cenci Chairmen: S. Mancuso, G. Tarantini

- 2:30 Opening & day agenda G. Tarantini, S. Mancuso
- 3:00 Speaker: G. Tarantini

Narrative Medicine and the Importance of the Multidisciplinary Team for Improving Care and Outcomes

- Importance of narrative medicine in patient management
- Benefits of narrative medicine in clinical practice
- Role of the multidisciplinary team in narrative medicine
- 4:00 Coffee Break
- 4:15 Speaker: C. Cenci

Conducting Narrative Medicine Interventions: Methodologies for Collecting Patient Stories

- Qualitative analysis of narrative data
- Utilizing narrative data to enhance clinical practice
- 6:00 Speaker: M. Abbinante

The Commitment of the Care System to Promote Patient-Centered Care

- Policies and initiatives to promote patient centrality
- Case studies and practical examples
- Challenges and opportunities in implementing a patient-centered approach
- 8:30 Conclusions of the Day

Phases for Implementing Narrative Medicine in Clinical Practice

Experts: C. Cenci, M. Ferrajoli Chairmen: S. Mancuso, G. Tarantini

Day 2 - June, 28 2025

- 8:30 Introduction to the Day S. Mancuso, G. Tarantini
- 9:00 Speaker: S. Mancuso

The Role of Doctor-Patient Communication and Gender Medicine in Enhancing Quality of Life

- Importance of effective communication between doctor and patient
- Strategies to improve communication
- Gender medicine and its influence on quality of life and care

10:00 Speaker: M. Ferrajoli

Diagnostic and Therapeutic Care Pathways for Cancer Patients: A Model of Multidisciplinary Management for Patient-Tailored Healthcare at MD Anderson Cancer Center, Houston, TX, USA

- Discussion and open questions
- Q&A session with the chairpersons and expert
- Interactive discussion on the topics covered
- 11:30 Coffee Break
- 11:45 G. Tarantini, C. Cenci

**Pratical Workshop 1** 

- In-depth analysis of narrative medicine techniques
- Transforming the patient from a person to be treated into an integral part of care
- Practical exercises and role-playing
- Discussion of results and feedback
- 1:00 Speakers: S. Mancuso, A. Ferrajoli

Practical Workshop 2: Caregiver and Patient Support Programs: What Exists and What Should Be Implemented in Hematological Conditions

- Analysis of existing support programs
- o Identification of gaps and unmet needs
- Proposals for new support programs
- 1:45 Conclusions and Closing of the Course
  - S. Mancuso, G. Tarantini

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