

ESMO ADVANCED COURSE PROGRAMME

ADC DEVELOPMENT, THERAPEUTIC APPLICATIONS AND RESEARCH: BREAST, GYNAECOLOGICAL AND GI CANCERS

Zurich, Switzerland
4-5 October 2024

CHAIRS Giuseppe Curigliano, Italy
Elizabeth Smyth, United Kingdom

SPEAKERS Nicoletta Colombo, Italy
Elisa Fontana, United Kingdom
Maria Fernanda Mosele, France
Barbara Pistilli, France
Giancarlo Pruneri, Italy
Andrea Sartore Bianchi, Italy

LEARNING OBJECTIVES

- To provide insights on ADCs drug development
- To explain mechanism of action of the most common ADCs used in clinical practice
- To highlight the integration of ADCs in current clinical practice guidelines across pathologies
- To provide guidance on management of toxicities of ADCs

Friday, 4 October 2024

09:00-09:10 **Welcome and introduction**

10' Welcome and Learning Objectives Introduction
Giuseppe Curigliano, IT and Elizabeth Smyth, UK

09:10-10:40 **Session 1 – ADC Development and pharmacodynamics**

20' ADC development: What are the considerations in early phase trials
Maria Fernanda Mosele, FR

20' Mechanisms of action and resistance: ADC internalization and cleavage and mechanisms of resistance
Barbara Pistilli, FR

20' Toxicity: Prediction, identification and treatment
Elisa Fontana, UK

30' Discussion

10:40-11:10 **Coffee break**

- 11:10-12:10 **Session 2 – Target assessment and rational for combinations**
- 20' Considerations from pathology –biomarker selection, on target off tumour expression off target toxicities
Giancarlo Pruneri, IT
 - 20' How to develop rational combinations and sequencing
Giuseppe Curigliano, IT
 - 20' Discussion
- 12:10-13:10 Lunch**
- 13:10-15:10 **Session 3 – Next generation ADCs**
- 20' Developments in ADC constructs including bispecific ADCs
Elizabeth Smyth, UK
 - 20' Cytokine conjugates
Andrea Sartore Bianchi, IT
 - 20' Discussion
 - 20' Peptide based conjugates
Elisa Fontana, UK
 - 20' Therapeutic index and rational for ADCs sequencing
Barbara Pistilli, FR
 - 20' Discussion
- 19:30 Networking dinner**

Saturday, 5 October 2024

- 09:00-12:30 **Workshop sessions**
- Three parallel workshop sessions with 20 delegates in each group (delegates will attend all 3 sessions on a rotational basis)
- 15' Introduction based on clinical cases presented by speakers
 - 40' Discussion
 - 5' Break
- Workshop 1** ADC trials in breast cancer
Giuseppe Curigliano, IT
- Workshop 2** ADC trials in GI cancers
Elizabeth Smyth, UK
- Workshop 3** ADC trials in gynecological cancers
Nicoletta Colombo, IT

- 11:00-11:30* *Coffee break*
- 11:30-12:30 **Workshops continuation**
- 12:30-13:00 **Feedback on the workshops from each group**
- 13:00-13:15 **Synthesis and wrap-up**
Giuseppe Curigliano, IT and Elizabeth Smyth, UK
- 13:15-14:15* *Lunch*