



CDDF WORKSHOP

27 - 28 September 2021

AMSTERDAM (NL)

*Digital Tools and Artificial  
Intelligence in Oncology Drug  
Development*



# **CDDF Multi-stakeholder Workshop**

*Digital Tools and Artificial Intelligence in  
Cancer Drug Development*

27 - 28 September 2021, Amsterdam

(as of 6 October 2020)

**Meeting Secretariat**

Cancer Drug Development Forum ([info@cddf.org](mailto:info@cddf.org))

## **EVENT OUTLINE**

This workshop is needed to evaluate the current state of play in terms of opportunity and regulatory perspectives as increasing numbers of digital tools are being incorporated into clinical trials. This is bringing challenges in terms of validation of endpoints, interpretation of data and also data security – a CDDF workshop bringing together industry, academic and regulatory partners presents a unique opportunity to explore these issues.

At this multi-stakeholder workshop, meeting delegates will have the opportunity to discuss the use of digital tools and AI in cancer drug development, covering digital tools, digital diagnosis and AI within clinical trials. The 1.5-day meeting consists of 4 plenary sessions and adequate discussion and networking time. Each session will also include various perspectives of academics, HTAs, regulatory agencies, patient advocates and industry and discuss challenges of digital tools.

## **LEARNING OBJECTIVES**

From this interactive workshop, participants will achieve the following outcomes:

- To understand the current landscape of use to digital tools in cancer drug development
- To explore regulatory aspects, challenges and plans for formal registration of digital tools from trial data
- To learn about the various digital options to support trials and improve data collection and outcomes

## **PROGRAMME COMMITTEE**

- Ruth Plummer (CDDF, UK)
- Seya Colloud (Roche, CH)
- Ralf Herold (EMA, NL)
- Denis Costello (CML Advocates Network, ES)
- Dónal Landers (Digital Experimental Cancer Medicine Team, CRUK Manchester Institute, UK)

## **TARGET AUDIENCE**

The target is a multidisciplinary audience of academia representatives, EU and US regulatory bodies (EMA, FDA, National Agencies), pharmaceutical Industry, HTAs and patient advocates.

## **MEETING DATE**

27 - 28 September 2021

## **MEETING VENUE**

[Movenpick Hotel Amsterdam City, NL](#)

Piet Heinkade 11, 1019 BR Amsterdam, Netherlands

+31 20 519 1200

# DRAFT PROGRAMME

## DAY 1

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12:00-12:50: Lunch

12:50-13:00: Welcome Note

### Session 1: : What is a Digital Tool and What It is Not (Plenary)

13:00-13:45 Keynote lecture

13:45-14:00 Q&A session

### Session 2: Digital Tools in Clinical Trials

14:00-14:15 Digital tools in trials for monitoring

14:15-14:30 Endpoints using digital tools

14:30-14:45 Algorithms for recruitment

14:45-15:00 Regulatory aspects

15:00-15:30 Panel discussion (30')

15:30-16:00 Coffee break (30')

### Session 3: Digital Tools transforming patient care

16:00-16:15 Topic 1

16:15-16:30 Topic 2

16:30-16:45 Regulatory aspects

16:45-17:15 Panel discussion (30')

19:30-22:00 Networking dinner

## **DAY 2**

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### **Session 4: Digital Diagnosis**

- 09:00-09:15**    **Imaging and staging**
- 09:15-09:30**    **Digital diagnosis**
- 09:30-09:45**    **EMA/FDA thoughts on data quality/use for registration**
- 09:45-10:15**    **Panel discussion (30')**
- 10:15-10:45**    **30-minute coffee break**

### **Session 5: Integration of patients in digital tool trial design and development**

- 10:45-11:00**    **Topic 1**
- 11:00-11:15**    **Topic 2**
- 11:15-11:30**    **Data security and regulation**
- 11:30-12:00**    **Panel discussion**