



Predicting Effective Adaptation to Breast Cancer to Help Women BOUNCE Back

Mental health and neurocognition in Breast Cancer patients

Fourth Virtual Dissemination Meeting

Organiser: Champalimaud Foundation

On 8th of October 2021, the Champalimaud Foundation will present the 4th virtual dissemination event of the European Project *BOUNCE: Predicting Effective Adaptation to Breast Cancer to Help Women BOUNCE Back*.

An interdisciplinary consortium of experts from Italy, Finland, Israel, Greece, and Portugal was formed in 2017 in response to a HORIZON 2020 call for Personalised Medicine research and innovation solutions. The product of this collaboration was BOUNCE, a funded project developed to explore factors that influence breast cancer patients' long-term psychological resilience and their capacity to resume a normal everyday life and work, following breast cancer treatments.

A clinical pilot run in 4 medical centres recruited 817 participants between November 2018 and February 2020. For 18 months, biomedical, psychological and functional data was collected every 3 months in this longitudinal pilot, and as of August 2021, 504 patients have completed the study.

With the use of data mining tools and applied machine learning approaches, the project has actively contributed to the identification of factors and processes that may predict the patients' resilience and their wellbeing, along the care pathway. This model will provide information on which combination of factors undermine the adjustment to cancer, allowing for early identification of women at risk and design of appropriate interventions.

The use of electronic patient reported outcomes in this study was beneficial in allowing participants to track their own wellbeing during the COVID-19 pandemic, enabling deeper self-understanding and empowering patients.

The aim of the Bounce 4th dissemination event will be to present some preliminary data achieved from the work so far, as well as to promote awareness of mental health in breast cancer patients, discussing multidisciplinary care path approaches, and the latest biomedical research of depression.



Organiser:



Free registration to the following link >

Scientific Workshop Programme

Friday, October 8, 2021

Language: English

09h30 – 09h40

Welcome words & short introduction

Fatima Cardoso & Albino Oliveira-Maia
Champalimaud Foundation, Lisbon

09h40 – 11h15

Patient centered care in Breast Cancer

Chairs: Fatima Cardoso & Luzia Travado
Champalimaud Foundation, Lisbon

09h40 – 09h55

The mental health perspective

Greta Pettini
European Institute of Milan, University of Milan, Milan

09h55 – 10h10

The oncology perspective

Berta Sousa
Champalimaud Foundation, Lisbon

10h10 – 10h25

The nurse perspective – The E-smart project

Roma McGuire
University of Strathclyde, Glasgow

10h25 – 10h40

The patient perspective

Tanja Spanic
Europa Donna – The European Breast Cancer Coalition

10h40 – 10h55

The Bounce project

Paula Poikonen-Saksela
Helsinki University Hospital, Helsinki

10h55 – 11h15

Q&A and panel discussion: speakers + moderators

[Coffee break]

11h30 – 12h55

Cognitive function in breast cancer patients

Chairs: Raquel Lemos & Paula Poikonen-Saksela
Champalimaud Foundation, Lisbon
& Helsinki University Hospital, Helsinki

11h30 – 11h50

Neurocognitive deficits in breast cancer patients

Kathleen Van Dyk
UCLA Semel Institut & Jonsson Comprehensive Cancer
Center, Los Angeles

11h50 – 12h30

Main avenues in future neurocognitive research

Sanne Schagen
Cognition Group Lider, Netherlands Cancer Institute, Amsterdam

12h30 – 12h40

Champalimaud-Helsinki cognitive study

Berta Sousa
Champalimaud Foundation, Lisbon

12h40 – 12h55

Q&A and panel discussion: speakers + moderators

[Lunch break]

14h00 – 15h20

Biomarkers of depression in cancer patients

Chairs: Albino Oliveira Maia & Chariklia Tziraki
Champalimaud Foundation, Lisbon & Hebrew University,
Research Department of MELABEV, Jerusalem

14h00 – 14h20

Immune markers of depression and their relevance for patients with cancer

Maria Antonietta Nettis
King's College, London

14h20 – 14h40

Novel circuit-targeted therapeutics for depression

Shan Siddiqi
Brigham & Women's Hospital, Harvard Medical School, Boston

14h40 – 15h00

The neuroimaging perspective – Assessment of brain volumetric changes in breast cancer patients

Ana Castro Verde
Champalimaud Foundation, Lisbon

15h00 – 15h20

Q&A and panel discussion: speakers + moderators

15h20 – 15h30

Workshop closing remarks

