

Session Program

22-23 Jul 2026

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GERMAN
CANCER RESEARCH CENTER
IN THE HELMHOLTZ ASSOCIATION

ISEO - Inaugural Conference July 22nd & 23rd 2026 - organized by DKFZ

Poster Session 2.1

Heidelberg Congress Center
Czernyring 20 69115 Heidelberg Germany

Thursday 23 July

11:45

Poster Session 2.1: Mechanism (Posterarea 1)

Poster Session

Risk reduction of cancers from a high physical activity level is associated with predicted tumour neoantigen count

Speaker

John Campbell

Effects of exercise on gut microbiota in patients with cancer: A Scoping Review

Speaker

Eisuke Ochi

Exploring Exercise Oncology Through 3D In Vitro Models: Impact of Exercise-Conditioned Serum on Breast Cancer Cell Tumorigenicity

Speaker

Prof. Mauro De Santi

Acute Exercise Preferentially Increases B-Cell-Derived Cell-Free DNA In Adults with Chronic Lymphocytic Leukaemia

Speaker

David Bartlett

Subtype-Specific Molecular Responses of Breast Cancer Cells to High-Intensity Interval Exercise-Conditioned Human Serum

Speakers

Dr Mayalen Valero Breton, Mr Pablo Ledesma Roncero

Preliminary pharmacokinetic findings of integrating body composition & physical activity to predict paclitaxel induced dose-limiting toxicities in women with breast cancer: the PABTOX trial.

Speaker

Prof. Nele ADRIAENSSENS

Understanding the Mechanisms underlying the effects of Exercise on Cancer-Related Fatigue: A Systematic Review of Randomized Controlled Trials

Speaker

Janine Krans

Running session-conditioned human serum reduces cancer cell spheroid formation

Speaker

Asja Conti

Integrating Physical Activity and Diet into Mechanisms of Metabolic Dysregulation and Cancer Risk: Insights from the MeDOC Consortium

Speaker

Dr E. Angela Murphy

Aerobic exercise leads to a greater mobilization of CD8+ T cells and NK cells compared to resistance exercise

Speaker

Linda Ericsson

Exercise intensity in modulating immune responses and clinical outcomes in cancer survivors: A scoping review

Speaker

Dong-Woo Kang

Characterizing Glucose Homeostasis and Metabolic Response to Exercise in Patients with Metastatic Colorectal Cancer: Two Embedded Sub-Studies within the REACH Trial

Speaker

Laura Amira Kassem

Eccentric Exercise in Rodents: Modeling Resistance Training for Translational Oncology Applications.

Speaker

Erin Giles

Preoperative Metabolic Inflexibility Predicts Impaired Plasma Metabolite Clearance Following Radical Cystectomy

Speaker

Mr Thomas Boucher

Prehabilitation as a biologically active intervention reprograms pancreatic tumor-immune microenvironment to enhance anti-tumor immunity

Speakers

Renee Stubbins, Dr Atiya Dhala, Dr Hong Zhao

Exercise-Driven miRNA Seed Sequence Therapy for Colorectal Cancer Control

Speaker

Mr Jeremy J. Kim

Physical activity and the microbiota in cancer- what do we already know?

Speaker

Isla Veal

Dietary Antioxidant Quality and Cognitive Function Among Cancer Survivors: NHANES 2011-2014

Speaker

HyungRok Lee

Short-term metabolic and physical adaptations to low-carbohydrate time-restricted feeding with and without exercise

Speaker

Mr Eun Chan Kim

Aerobic Exercise Training and β 2-Adrenergic Signaling in the Regulation of Immunosuppression in Cancer

Speaker

Janaina da Silva Vieira

On the Neuro-Fascial Interface: An Empirical Synthesis of Experimental and Clinical Evidence regarding the Role of Vagal Tone in Exercise Oncology

Speaker

Dr Marc N. Jarczok

Tissue blood flow at rest and during exercise in lymphoma and breast cancer patients

Speaker

Ms Venny Laitinen

13:00