



**Prof. Dr. MSc. Michael
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BACKGROUND

Dr. Michael Abend is Deputy Director at BIR, leads a scientific team working in transcriptomics and is a professor in Radiobiology at Technical University Munich, Germany. He earned a medical doctor degree at Cologne University, habilitated at TUM and earned an MSc in Epidemiology at University Mainz, Germany. He did his Master at the Radioepidemiology Department of NCI/NIH in Bethesda, MD, USA.

Research in Dr. Abend's laboratory is primarily focused on identification of biomarkers for clinical outcome prediction of acute radiation-induced health effects. Over the last two decades his lab identified a promising gene set for acute radiation syndrome prediction within 1-3 days after exposure.

Dr. Abend is chairing and joining several NATO groups, ERRS board member and Associate editor at RadRes and IJRB.

European Defence Fund (EDF) Resilience

- How it works and introducing the RN subconsortium -

Abstract

After Corona crisis and Ukraine war, EU officials realized the threat related to exposures such as chemical, biological, radiological and nuclear (CBRN). To develop capabilities within Europe, a research program got initiated. EDF Counteract which started in January 2023 was the first program in this context. EDF Resilience represents the next program. It is supposed to start in early 2024. With this presentation we provide an insight into the motivation of the program, who can apply, and as an example details on the RN sub-consortium will be shown.

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