



TELOMERES and CANCER BIOLOGY conference

4th- 6th April 2022

FOCUS 1: BASIC TELOMERE BIOLOGY

FOCUS 2: COMPUTATIONAL TELOMERE ANALYSIS

FOCUS 3: CLINICAL TRANSLATION

Confirmed speakers:

- **Roger Reddel** (Children's Medical Research Institute, The University of Sydney)
- **Anabelle Decottignies** (Université catholique de Louvain)
- **Rameen Beroukhim** (Dana-Farber Cancer Institute/Harvard Medical School)
- **Aurélie Ernst** (German Cancer Research Center)
- **Matthias Fischer** (University Hospital Cologne)
- **Rachel Flynn** (Boston University School of Medicine)
- **Stefan Fröhling** (German Cancer Research Center)
- **Christopher Heaphy** (Boston University School of Medicine)
- **Lilit Nersisyan** (Armenian Bioinformatics Institute)
- **John Maciejowski** (Memorial Sloan Kettering Cancer Center)
- **Priya Chudasama** (German Cancer Research Center)
- **Adam Wahida** (Technische Universität München)
- **Andrew Ludlow** (University of Michigan)

Registration and "Call for Abstracts" will open **1st of December 2021**

The conference schedule will explicitly address time-zone differences.

Free of charge (for academic participants)

See conference [website](#) of further information



Invited keynote speakers – call for abstracts – panel discussions – poster sessions in virtual environment

DESCRIPTION

The German Cancer Research Center (DKFZ) in Heidelberg will host a virtual conference on “**Telomeres and Cancer Biology**” on 4th-6th April 2022.

The interdisciplinary meeting will bring together basic biologists (**FOCUS 1: BASIC TELOMERE BIOLOGY**), computational scientists (**FOCUS 2: COMPUTATIONAL TELOMERE ANALYSIS**) and clinician scientists (**FOCUS 3: CLINICAL TRANSLATION**) to discuss recent discoveries in the field of replicative immortality and explore opportunities to translate them into improved patient health care.

The conference will cover the following specific research topics:

- Novel experimental methods for telomere analysis of tumor samples and model systems
- *In silico* analysis of telomeres from biomolecular data for diagnostic, prognostic and therapeutic purposes
- The implementation of telomere biomarkers into precision oncology workflows
- Advances in molecular targeting of telomere maintenance mechanisms
- Cancer subtype-specific characterization of replicative immortality by multi-omics approaches
- The impact of telomere crisis on genomic stability and cancer evolution

The conference schedule will explicitly address time-zone differences to maximize international inclusiveness. For academic participants, the conference will be free of charge.

BOARD OF ORGANIZERS

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