CMMC RESEARCH FOR HEALTH

INVITATION
CMMC SEMINAR

Prof. Shi-Yong Sun, PhD

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Enhancing therapeutic efficacies of targeted lung cancer therapies via targeting DNA Topoisomerase II

Targeted therapies against oncogenic driver mutations such as *EGFR* and *KRAS* have significantly advanced the management of lung cancer.

However, the development of resistance—particularly acquired resistance - remains a critical barrier to durable clinical benefit. Strategies to elucidate and therapeutically exploit resistance mechanisms are therefore essential for improving long-term outcomes.

In this lecture, Dr. Shi-Yong Sun will present mechanistic insights from his group's research, emphasizing the therapeutic relevance of topoisomerase II inhibition in overcoming resistance and enhancing the efficacy of targeted lung cancer therapies.

October 15, 2025
04.00 p.m.

CMMC Seminar Room
CMMC Research Building
Robert-Koch-Str. 21, 50931 Cologne

Host:
Prof. Dr. Christiane Bruns
Dept. for General, Visceral, Tumor and Transplant Surgery

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