



**Program 6th AEK Autumn School –
“Degradation of oncogenic proteins by PROTACs and Glues: Towards clinical
application”**

November 04, 2024 - Drugging Undruggable Cancer Targets

- 12:00 – 13:30 Welcome Reception: Light Lunch
- 13:30 – 13:45 **Elmar Wolf (Kiel, Germany):** Welcome Note
- 13:45 – 14:30 **Martin Eilers (Wuerzburg, Germany):** Targeting MYC and MYC Proteins with PROTACs: what is the aim?
- 14:30 – 14:55 **Short Talk Markus Vogt (Kiel, Germany):** Targeting MYC effector functions in pancreatic cancer by inhibiting the ATPase RUVBL1/2
- 14:55 – 15:40 Coffee Break
- 15:40 – 16:05 **Short Talk Jennifer Jansen (Goettingen, Germany):** Temporary P53 Removal to sensitize cancer cells to chemotherapy
- 16:05 – 16:30 **Short Talk Regina Wirsing (Wuerzburg, Germany):** Development of new UBA6-specific inhibitors
- 16:30 – 16:45 **Rainer Engers (Neuss, Germany):** Welcome Note AEK
- 16:45 – 17:30 **Jan Krönke (Berlin, Germany):** From Thalidomide to Targeted Therapy: The Evolution of Protein Degradation in Oncology
- 19:00 Dinner & Get Together



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November 05, 2024 - Rationale Design of PROTACs in academia and industry

- 09:00 – 09:45 **Anja Giese/Philipp Cromm (Berlin, Germany):** Targeted Protein Degradation in Drug Discovery: key considerations and applications
- 09:45 – 10:10 **Short Talk Nicola Berner (Freising, Germany):** Chemoproteomic mode of action analysis of protein kinase degraders
- 10:10 – 10:35 **Short Talk Hannah Lenz (Frankfurt/Main, Germany):** Concept for PROTAC-mediated degradation of BRPF1 using Nano-Glo® HiBiT Lytic Detection System
- 10:35-11:05 Coffee Break
- 11:05 – 11:30 **Short Talk Yiliam Cruz Garcia (Kiel, Germany):** AID models
- 11:30 – 11:55 **Short Talk Bikash Adhikari (Munich, Germany):** Selective degradation of WDR5
- 11:55 – 12:10 **Christian Reinhardt (Essen, Germany):** Deutsche Krebshilfe
- 12:10 – 13:40 Lunch
- 13:40 – 14:25 **Alessio Ciulli (Dundee, UK):** New insights and twists on PROTAC and molecular glue degraders design and mechanism
- 14:25 – 14:50 **Short Talk Katharina Schneider (Kiel, Germany):** Exploiting novel E3 ligases for cancer-specific degradation of oncogenic targets by PROTACs
- 14:50-15:15 **Short Talk Napasorn Nilparuk (Wuerzburg, Germany):** Harnessing cancer-specific E3 ligases for the development of novel PROTACS
- 15:15 – 16:00 Coffee Break



- 16:00 - 16:40 **Short Talk Sebastian Urban (Essen, Germany, Johanna Seier (Essen, Germany), Nikolas Klink (Dortmund, Germany):** PROTACs to investigate Deubiquitinases in cancer
- 16:40 - 17:25 **Zoran Rankovic (London, UK):** Developing orally bioavailable PROTACs
- 19:00 Poster Session with Finger Food and Drinks



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November 06, 2024 - Bringing PROTACs into Clinical Application

- 09:00 – 09:45 **Gwenn M. Hansen (San Francisco, USA):** Identifying Orally Bioavailable and CNS Penetrant Bifunctional Targeted Protein Degraders for the Treatment of Cancer
- 09:45 – 10:10 **Short Talk Juliane Müller (Kiel, Germany):** Targeted protein degradation reveals a scaffolding function of Aurora-A kinase
- 10:10 – 10:35 **Short Talk Lorenz Eing (Wuerzburg, Germany):** Development of novel chimeric degrader molecules targeting the Aurora-A/N-Myc complex to treat high-risk pediatric cancer
- 10:35 – 11:05 Coffee Break
- 11:05 – 11:30 **Short Talk Varun Jayeshkumar Shah (Frankfurt/Main, Germany):** Discovery of novel molecular glue degraders
- 11:30 – 11:55 **Jens Hoffmann (Berlin, Germany):** Preclinical evaluation of Protacs and transition to human medicine
- 11:55 – 12:40 **Vesna Vetma (Dundee, UK):** Targeting cancer with PROTACs
- 12:40 **Award Ceremony, Lunch & Farewell**

Approximate slot length:

- **invited speakers: 45 min (35+10)**
- **young scientists: 25 min (15+10)**