



To whom it may concern

Essen, 02.02.2024

**Letter of Support for the BMBF-Application „Deciphering
Metastasis with Multimodal Artificial Intelligence Foundation
Models (DECIPHER-M)“
Collaboration of SATURN3 and DECIPHER-M**

Dear Sir or Madam,

Within the BMBF funding line joint research on "Tumour Heterogeneity, Clonal Tumour Evolution and Therapy Resistance" the SATURN3 consortium investigates the spatial and temporal resolution of intratumoral heterogeneity.

Despite advances in cancer research, our knowledge of metastasis formation remains incomplete. To fill this gap, DECIPHER-M plans to employ a unique methodology that incorporates artificial intelligence (AI) to address this significant and unresolved challenge in cancer treatment.

A collaboration between the two complementary projects, SATURN3 and DECIPHER-M, would be extremely beneficial. As both consortia are studying the same cancer entities (breast and colorectal), the clinical and experimental data acquired for our research is very well suited for the development of their AI algorithms. Furthermore, hypotheses generated by the innovative AI methodology of our colleagues could be validated within our cohorts and lead to new ideas that complement our experimental approaches.

We therefore look forward to the funding of DECIPHER-M and the resulting advances in knowledge that we can achieve together.

Please, do not hesitate to contact us for further information.

Univ.-Prof. Dr. Jens Siveke
Direktor des Instituts