



RACOON

Die Radiologie Kooperation im NUM

BMBF-Förderrichtlinie

von Forschungsverbänden zu
großen ungelösten Fragen
der Krebsforschung

Letter of Support DECIPHER-M

Dear Sir or Madam,

The Radiological CO-Operative Network (RACOON) is honored to gladly support the DECIPHER-M consortium. As part of NUM (Netzwerk Universitätsmedizin) RACOON has established a hard- and software stack for structured data acquisition and the application of AI algorithms at all radiological departments and clinics at German universities.

DECIPHER-M is an initiative addressing metastases development as a key issue in cancer treatment with a unique approach utilizing artificial intelligence. The consortium plans to develop multimodal foundation models that can analyze a wide variety of data in unison. In addition to clinical data, pathology reports, and genetic information, the data that is used for AI training includes, in particular, radiological imaging data. This is because medical imaging is versatile and ubiquitously available to detect, assess, and track disease in almost every organ system. In addition to disease specification, medical imaging can quantify underlying risk factors. As such, radiology serves as a decision-making tool during diagnosis, treatment and monitoring and enables personalized medicine.

We believe DECIPHER-M will be of outstanding value to the ongoing development, implementation, and widespread dissemination of AI tools in the field of medicine and medical imaging. We express our eagerness to support and participate in development and dissemination of the DECIPHER-M foundation models via the NUM RACOON-Platform. Amongst others, our DECIPHER-M colleagues will be able to utilize the compute power of the RACOON nodes for inferences tasks.

Please do not hesitate to contact us with any questions or requests for additional information.

Best Regards,

Dr. Andreas Bucher

Prof. Dr. Tobias Penzkofer

Projektkoordination

*Prof. Dr. Thomas Vogl
Prof. Dr. Bernd Hamm
Prof. Dr. Tobias Penzkofer
Dr. med. Andreas Bucher*

e-Mail: racoona@charite.de

Zeichen:

Datum: 06.02.24