

Research profile for applicants

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| Name of DKFZ research division/group: | <i>Vascular Oncology and Metastasis</i> |
| Contact person: | Hellmut Augustin; h.augustin@dkfz.de; +49-6221-421500 |
| Group homepage: <i>Visit this website for further information on current research and recent publications.</i> | http://www.dkfz.de/en/angiogenese |
| Eligibility: | <ul style="list-style-type: none"> • <i>DKFZ Postdoctoral Fellowships</i> |

RESEARCH PROFILE AND PROJECT TOPICS

The Augustin lab (www.augustinlab.de) studies instructive vascular signaling mechanisms and organotypic vascular functional differentiation during the life cycle of a vasculature (blood vessel formation, assembly, maturation, quiescence, regression, aging) with a particular focus on tumor-vessel interactions that govern tumor progression and metastasis. Basic discovery research feeds translational research with the goal of identifying and validating novel therapeutic targets as well as laying the preclinical proof-of-concept for novel treatment modalities and therapeutic windows, including neoadjuvant and adjuvant therapy. Please check our latest review published in Cell on Sept. 5, 2024 for more in depth insight of the lab’s focus and conceptual perspective.



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