AGARDY, DENNIS ALEXANDER

GENERAL INFORMATION

PhD Student
Heidelberg University, Mannheim Medical Faculty
Department of Neurology, Theodor-Kutzer-Ufer 1-3,
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ACADEMIC EDUCATION & QUALIFICATION

Year(s)	Education
2018-2019	Master Thesis: Effects of T cell infiltration on the tumor microenvironment PI: Prof. Per thor Straten, PhD & Prof. Daniel H. Madsen, PhD Danish National Center for Cancer Immune Therapy, University of Copenhagen Hospital Herlev & Gentofte, Department of Oncology, Herlev, Denmark
2017-2019	Master of Science in Immunology and Inflammation, University of Copenhagen, Denmark
2017	Bachelor Thesis: Structural stability of recombinant multicopy expression model plasmids in yeast – pIFC4.135 & pIFC4.136. PI: Prof. Tilman Achstetter, PhD University of Applied Sciences Bremen, Germany
2013-2017	Bachelor of Science in Industrial Biology, University of Applied Sciences Bremen, Germany

SCIENTIFIC EDUCATION & QUALIFICATION

Year(s)	Education
2023	Visiting Research Scholar PI: Prof. Stephanie Dougan, PhD Dana Farber Cancer Institute Department of Cancer Immunology and Virology & Department of Immunology, Harvard Medical School, Boston, USA
2019 - present	PhD thesis Immune cell dynamics in irradiated gliomas. PI: Prof. Dr. Michael Platten, MD German Cancer Research Center Heidelberg and Department of Neurology, Mannheim Medical Faculty, Heidelberg University, Germany.
2016	Research Assistant PI: Prof. Charlotte Rolny, PhD Karolinska Institute, Department of Oncology-Pathology, Stockholm, Sweden

OTHER QUALIFICATIONS/ROLES/RESPONSIBILITIES

Year(s)	Qualifications/Roles/Responsibilities
Since 2023	Member of the Society for Immunotherapy of Cancer (SITC)
Since 2021	Committee member of „Forschungsschwerpunkt Immunologie und Krebs“ at DKFZ
Since 2021	Member of the German Society of Immunology (DGfI)
2018-2019	Vice-Chairman of the Study Board for Human Biology and Immunology at the University of Copenhagen
2018-2019	Fellowship of the Danish Cancer Society

SELECTED PUBLICATIONS

- Carretta, M., Thorseth, M. L., Schina, A., Agardy, D. A., Johansen, A. Z., Baker, K. J., ... & Madsen, D. H. (2023). Dissecting tumor microenvironment heterogeneity in syngeneic mouse models: insights on cancer-associated fibroblast phenotypes shaped by infiltrating T cells. **Frontiers in Immunology**, 14.
- Banerjee, K., Kerzel, T., Bekkhus, T., de Souza Ferreira, S., Wallmann, T., Wallerius, M., Landwehr, L.S., Agardy, D.A., Schauer, N., [...] & Rolny, C. (2023). VEGF-C-expressing TAMs rewire the metastatic fate of breast cancer cells. **Cell Reports**, 42(12).
- Turco, V., Pfleiderer, K., Hunger, J., Horvat, N. K., Karimian-Jazi, K., Schregel, K., Fischer, M., Brugnara, G., Jähne, K., Sturm, V., Streibel, Y., Nguyen, D., Altamura, S., Agardy, D. A., Soni, S. S., Alsasa, A., Bunse, T., Schlesner, M., Muckenthaler, M. U., Weissleder, R., [...] & Platten, M. (2023). T cell-independent eradication of experimental glioma by intravenous TLR7/8-agonist-loaded nanoparticles. **Nature communications**, 14(1), 771.
- Schregel, K., Heinz, L., Hunger, J., Pan, C., Bode, J., Fischer, M., Sturm, V., Venkataramani, V., Karimian-Jazi, K., Agardy, D.A. and Streibel, Y. [...] & Breckwoldt, M. O. (2023). A Cellular Ground Truth to Develop MRI Signatures in Glioma Models by Correlative Light Sheet Microscopy and Atlas-Based Coregistration. **Journal of Neuroscience**, 43(30), 5574-5587.
- Hunger, J., Schregel, K., Boztepe, B., Agardy, D. A., Turco, V., Karimian-Jazi, K., ... & Breckwoldt, M. O. (2023). In vivo nanoparticle-based T cell imaging can predict therapy response towards adoptive T cell therapy in experimental glioma. **Theranostics**, 13(15), 5170.

PATENTS

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