

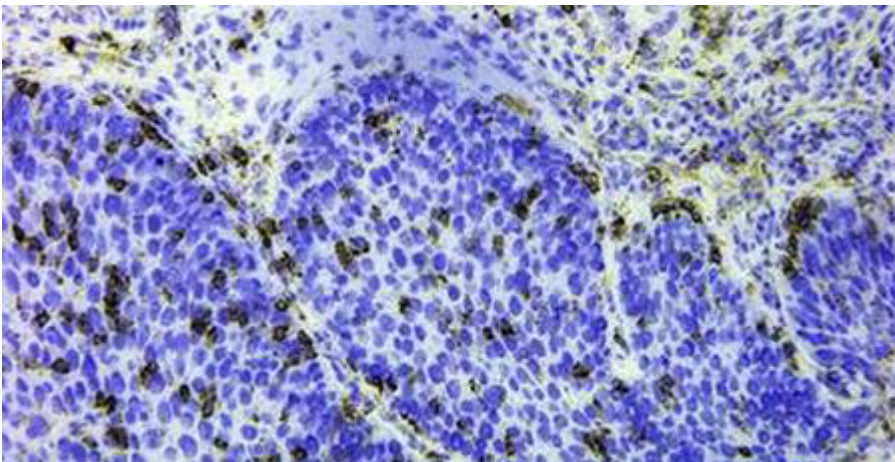
Sie befinden sich hier

- Medizinische Fakultät Mannheim
- Immunbiochemie

Inhalt

Immunobiochemistry

The innate immune response serves as the first line of immune defense against invading pathogens and tumors. The focus of our research is to dissect activation modules of innate immune cells, in particular Natural Killer cells and Innate Lymphoid Cells and the influence of the microenvironment on their function in tissues during homeostasis and disease. Our experimental systems include sophisticated conditional mouse models, Xenograft mouse models and primary human cells.



Infiltration of NK cells (brown) in cervical carcinoma

In the News



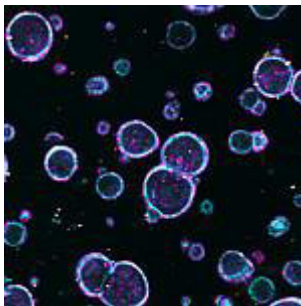
[New Research Training Group in the Field of Immunology.](#)

DFG funds Graduate School/GRK2727 "Innate Immune Checkpoints in Cancer and Tissue damage" with 5.3 million euros



Cancer cells are masters of disguise: they can send out signals that make them invisible to the immune system.

Article by Prof. Dr. Adelheid Cerwenka - Ruperto Carola Forschungsmagazin „Freund & Feind“ – Ausgabe 17, Februar 2021



A collaboration project of the Mannheim Medical Faculty with the DKFZ has won the Merck Heidelberg Innovation Call.

Most forms of colorectal cancer (CRC) are resistant to the current cancer immunotherapies, which rely on the acquired immune defense. Is it possible to overcome therapy resistance by additionally boosting the innate immune defense?



In her inaugural lecture Prof. Dr. Adelheid Cerwenka talked about "Fighting cancer with the body's immune system". Campus TV was there. Start the video at minute 7:20. [Watch...](#)



A research team at Harvard University has made it harder for tumor cells to hide from the immune system. In Science Prof. Adelheid Cerwenka has commented on the publication and explains on Deutschlandfunk why this is a breakthrough in cancer research. [more...](#)

Kontextspalte

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