



Finding New Treatments for Breast Cancer

Triple-Negative Breast Cancer (TNBC)

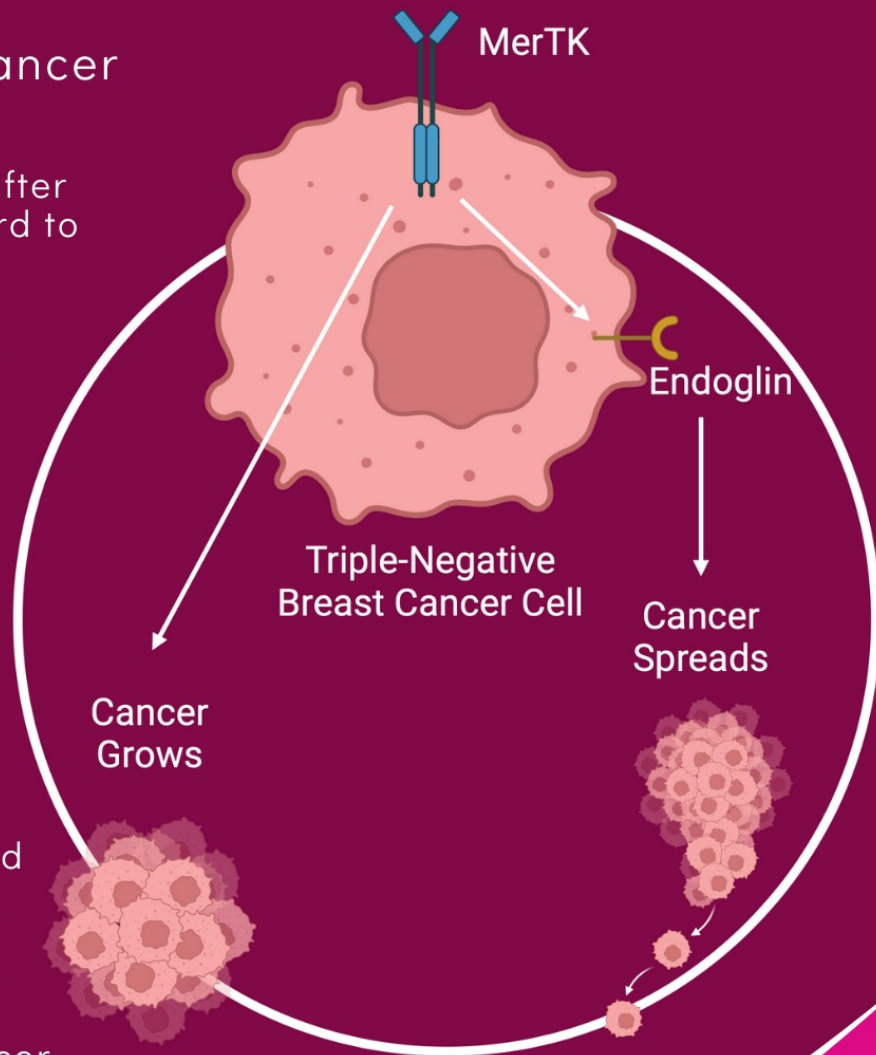
- Few people survive 5 years after TNBC diagnosis, and it is hard to treat
- TNBC cancer cells lack 3 different hormone receptors, which are normally used for cancer treatment

MerTK

- Protein on surface of cells
- Increases growth and spread of cancer

Finding New Treatments

- Scientists studied TNBC and MerTK in cells and mice to find new cancer treatments
- TNBC cells had a lot of MerTK
- Cancer cells with more MerTK grew faster
- MerTK may be spreading cancer in the body by affecting another protein called endoglin
- Future treatments could target MerTK and endoglin to stop TNBC cancer from growing and spreading



Research Article



Citation

Iida, M.; Crossman, B.E.; Kostecki, K.L.; Glitchev, C.E.; Kranjac, C.A.; Crow, M.T.; Adams, J.M.; Liu, P.; Ong, I.; Yang, D.T.; et al. MerTK Drives Proliferation and Metastatic Potential in Triple-Negative Breast Cancer. *Int. J. Mol. Sci.* 2024, 25, 5109.