

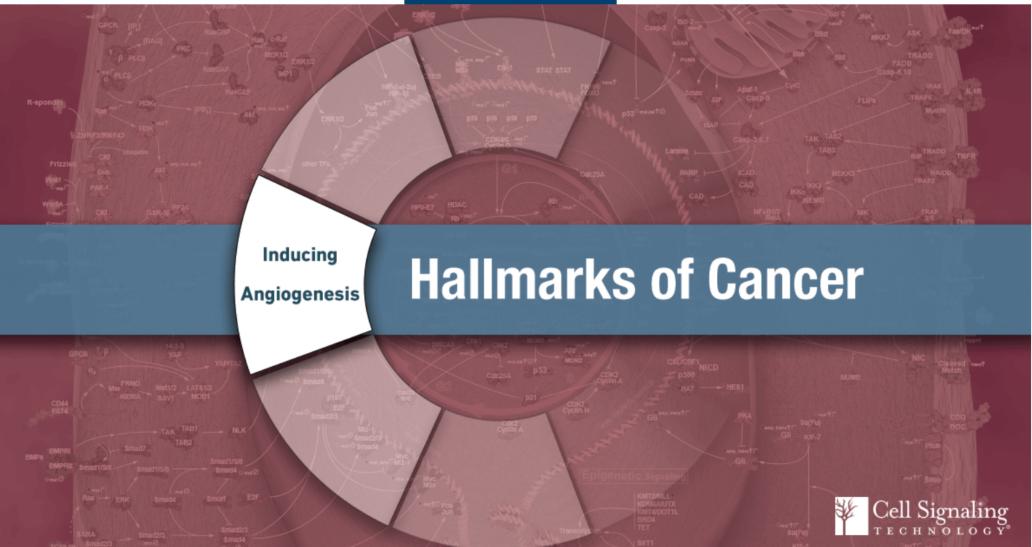


Cancer and inducing angiogenesis

apt. Dyaningtyas Dewi PP., Ph.D

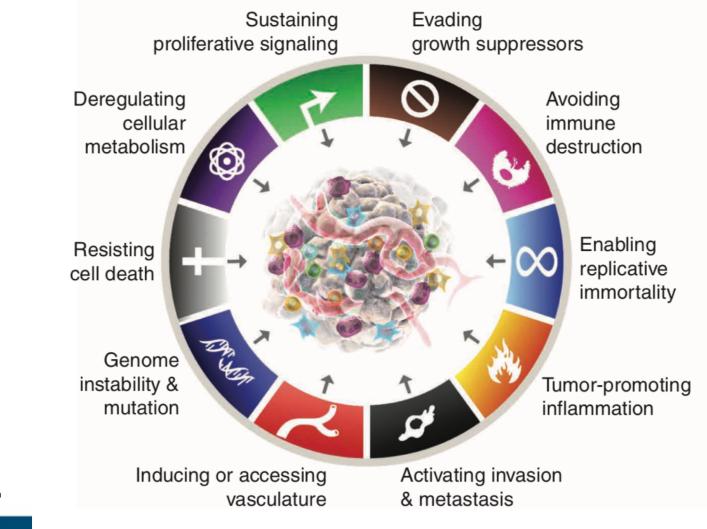
LOCALLY ROOTED, GLOBALLY RESPECTED







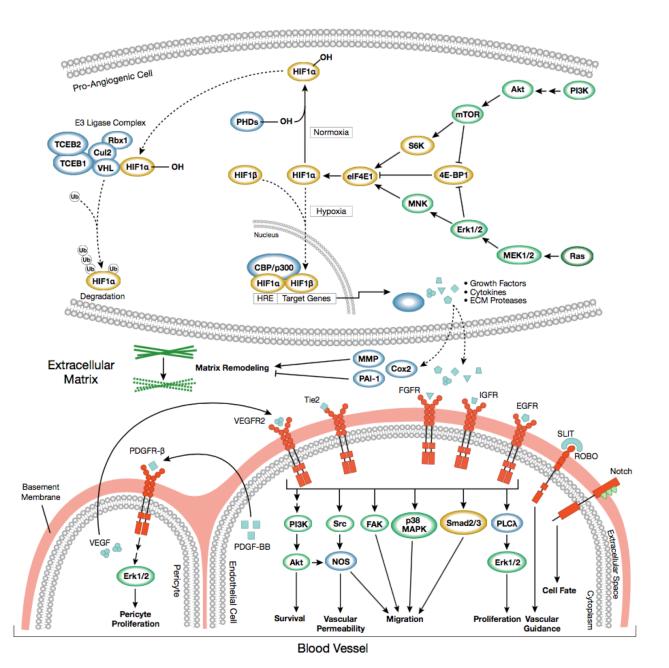
Revisiting the hallmarks of cancer



doi: 10.1158/2159-8290.CD-21-1059

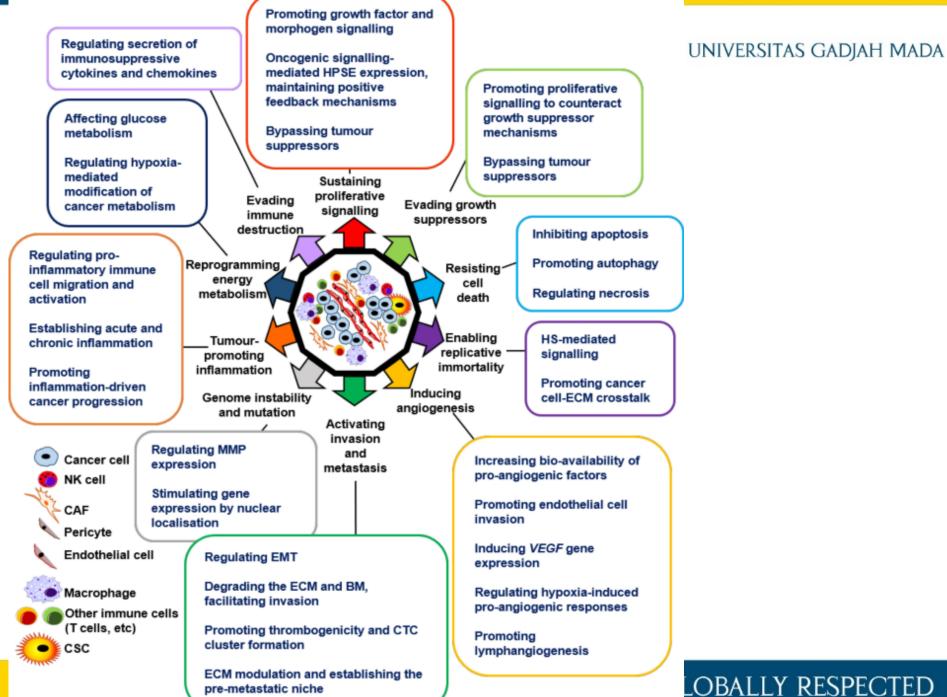
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Angiogenesis



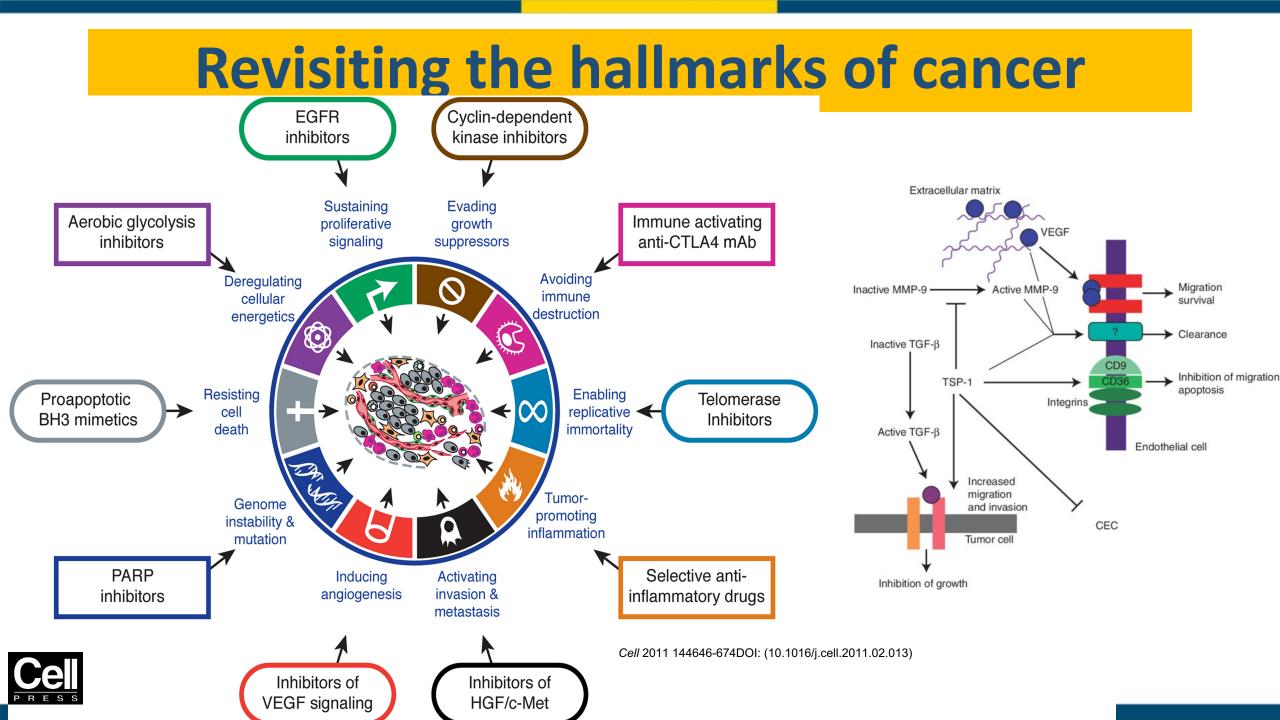
\bigcirc	Acetylase
\bigcirc	Adaptor
\bigcirc	Apoptosis/Autophagy Regulator
\bigcirc	Cell Cycle Regulator
\bigcirc	Deacetylase or Cytoskeletal Protein
\bigcirc	Growth Factor/Cytokine/Development Protein
\bigcirc	GTPase/GAP/GEF
\bigcirc	Kinase
	Direct Process
	Translocation Process
—	Inhibitory Modification

- Metabolic Enzyme
 Methyltransferase or G-protein
 Phosphatase
 Protein Complex
 Ubiquitin/SUMO Ligase or Deubiquitinase
 Transcription Factor or Translation Factor
 Receptor
 Other
 Tentative Process
 Stimulatory Modification
- Transcriptional Modification

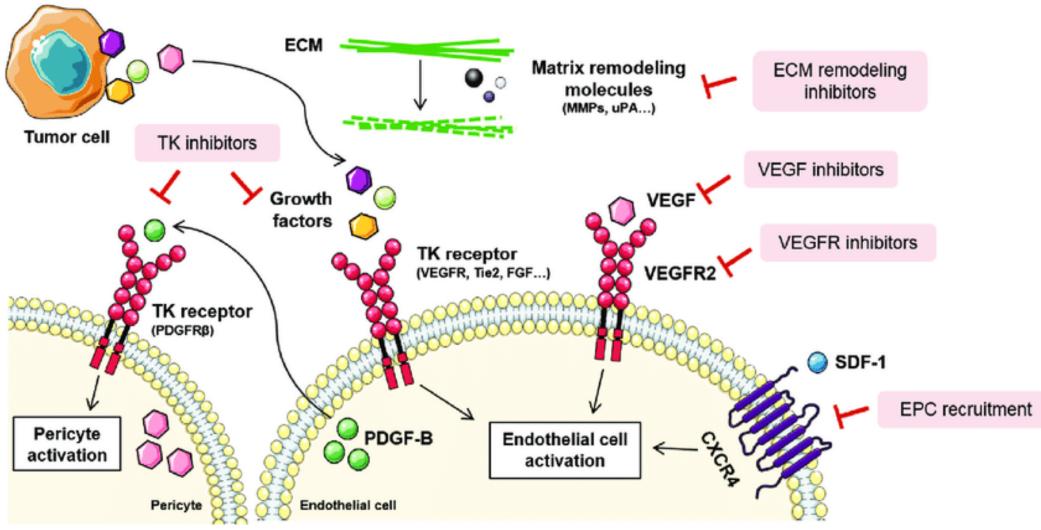


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LOBALLY RESPECTED



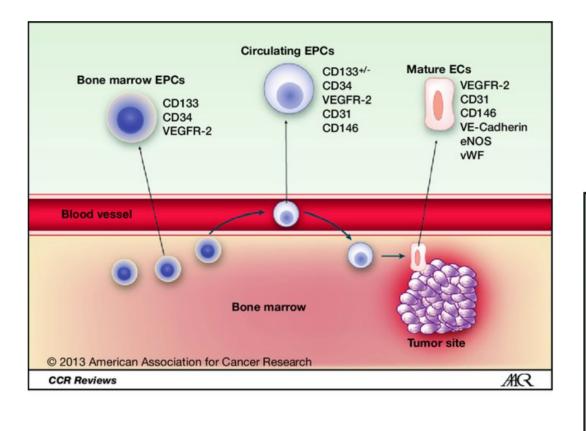




LOCALLY ROOTED, GLOBALLY RESPECTED

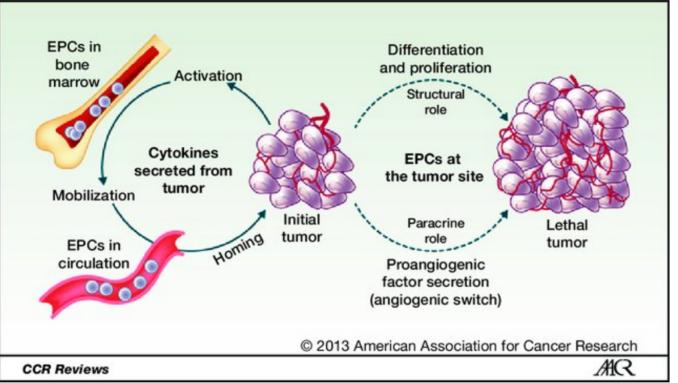


Expression of markers during the trafficking and differentiation of the EPCs to endothelial cells (EC).

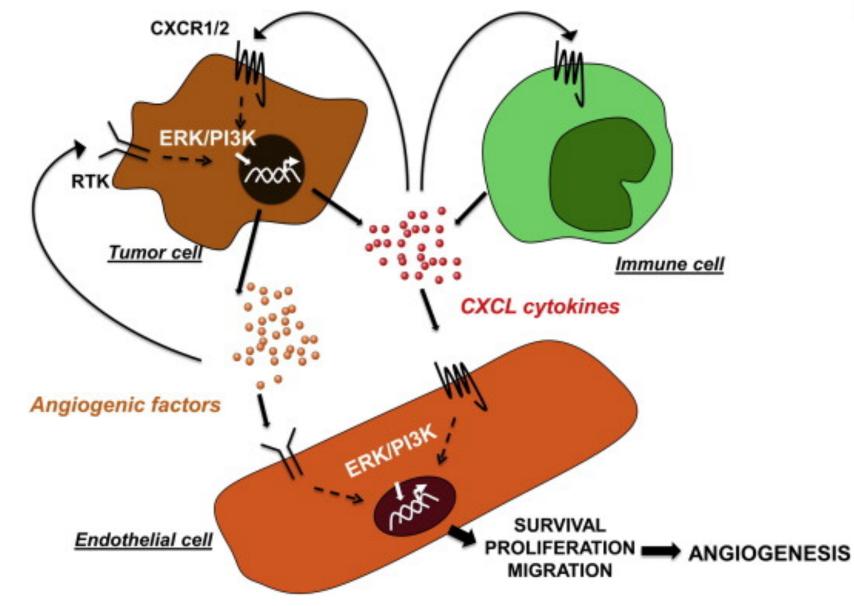


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The role of ECPs in tumor angiogenesis







Crosstalk between tumor, immune and endothelial cells.

LOCALLY ROOTED, GLOBALLY RESPECTED