

Questions to guide the exercise

What does the EGFR acronym mean?

What signaling pathway is downstream of EGFR besides c-Met?

Why do they use phospho-proteomics to understand the signaling cascade?

Does the EGFR mutation cause overexpression of the protein?

Why are EGFR over-expression/mutations mutually exclusive from KRAS mutation?

Why do they consider Akt/PTEN activation? In which pathways are predominantly regulated?

Why the majority of the significant changes observed by SILAC are found in the cell membrane and cell junction?

Which pathways were affected by treatment with EGFR inhibitor?

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