

Latest innovations in NSCLC management: Introduction



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The NEW ENGLAND JOURNAL *of MEDICINE*

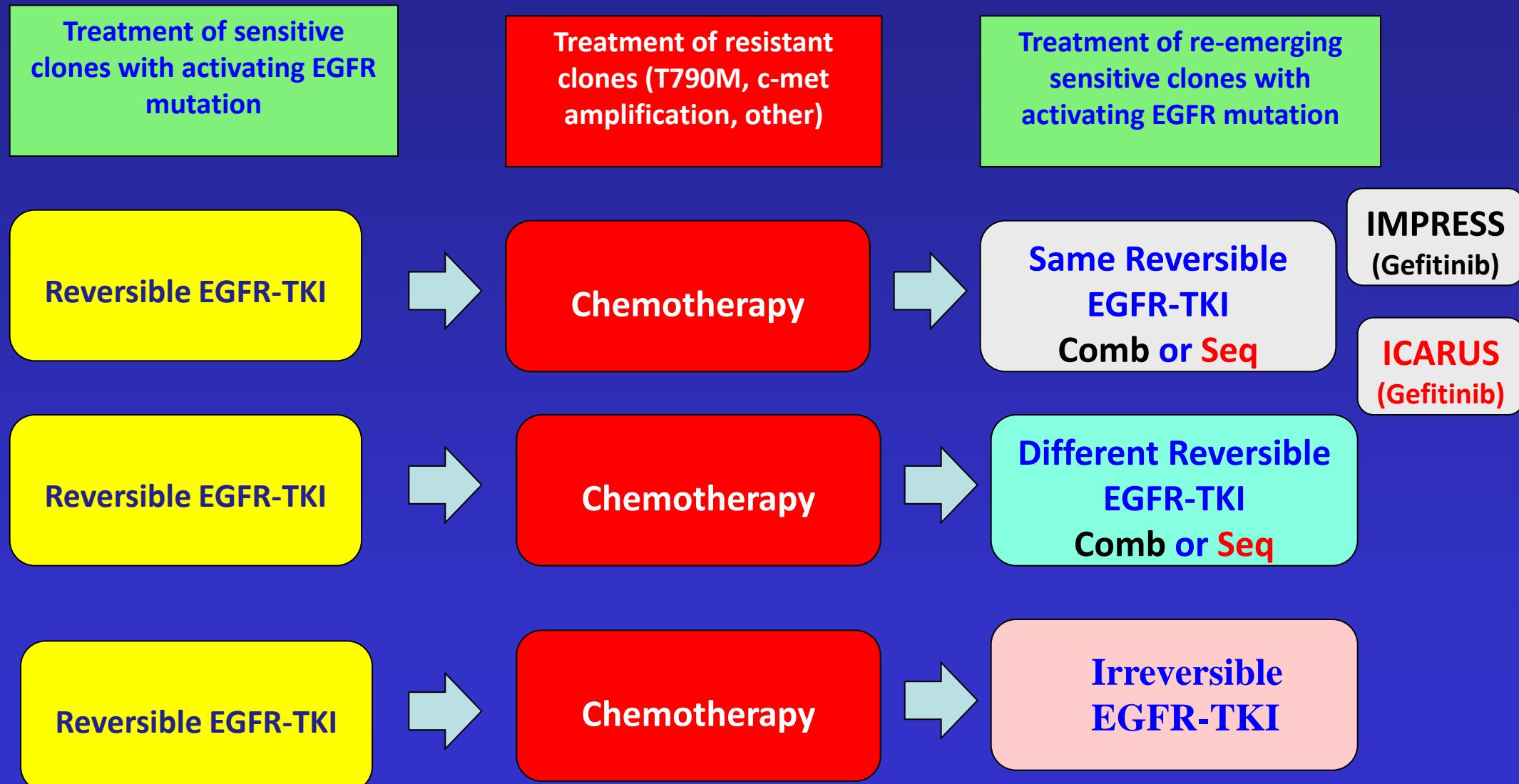
Gefitinib or Carboplatin–Paclitaxel in Pulmonary Adenocarcinoma

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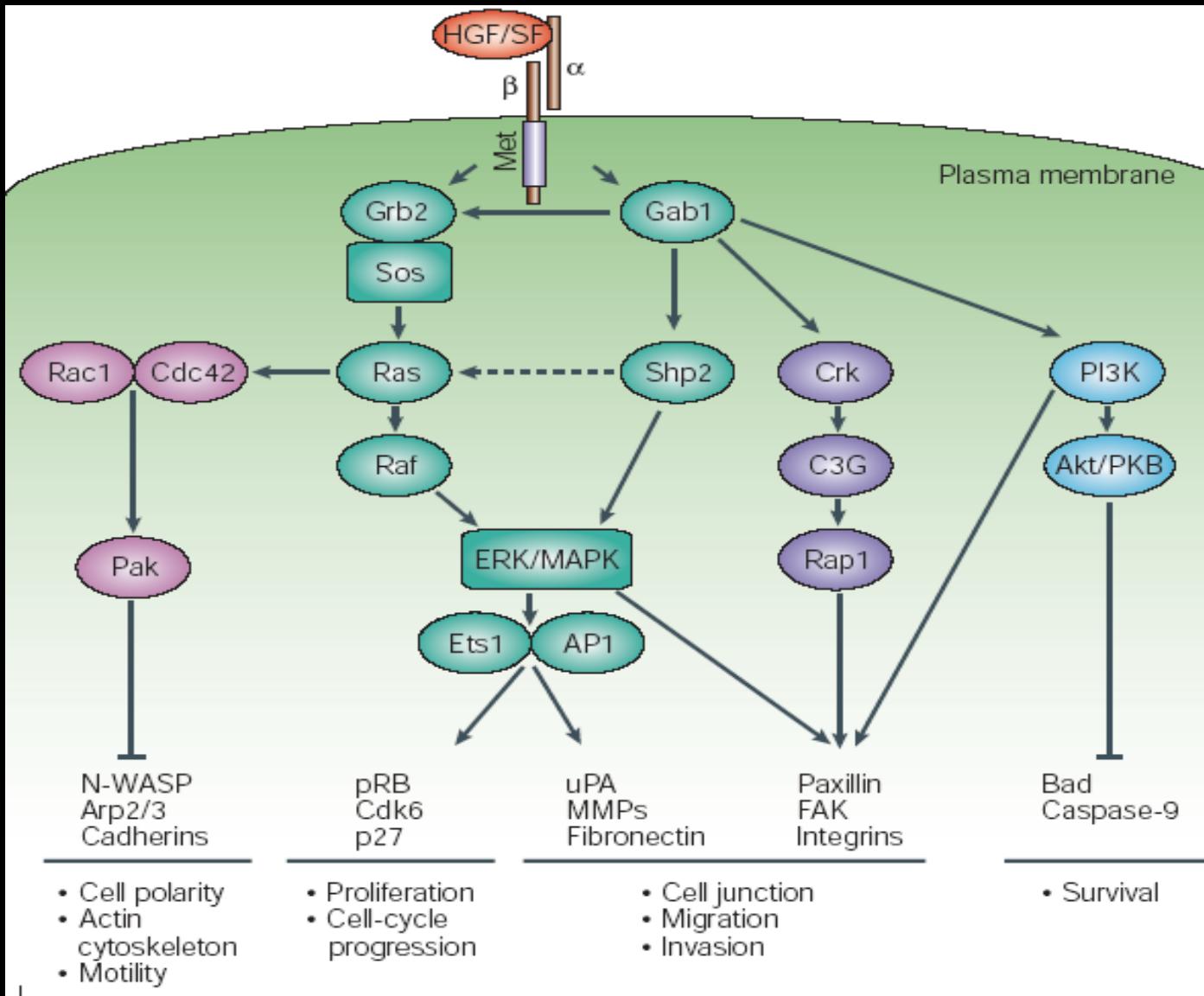
CONCLUSIONS

Gefitinib is superior to carboplatin–paclitaxel as an initial treatment for pulmonary adenocarcinoma among nonsmokers or former light smokers in East Asia. The presence in the tumor of a mutation of the EGFR gene is a strong predictor of a better outcome with gefitinib. (ClinicalTrials.gov number, NCT00322452.)

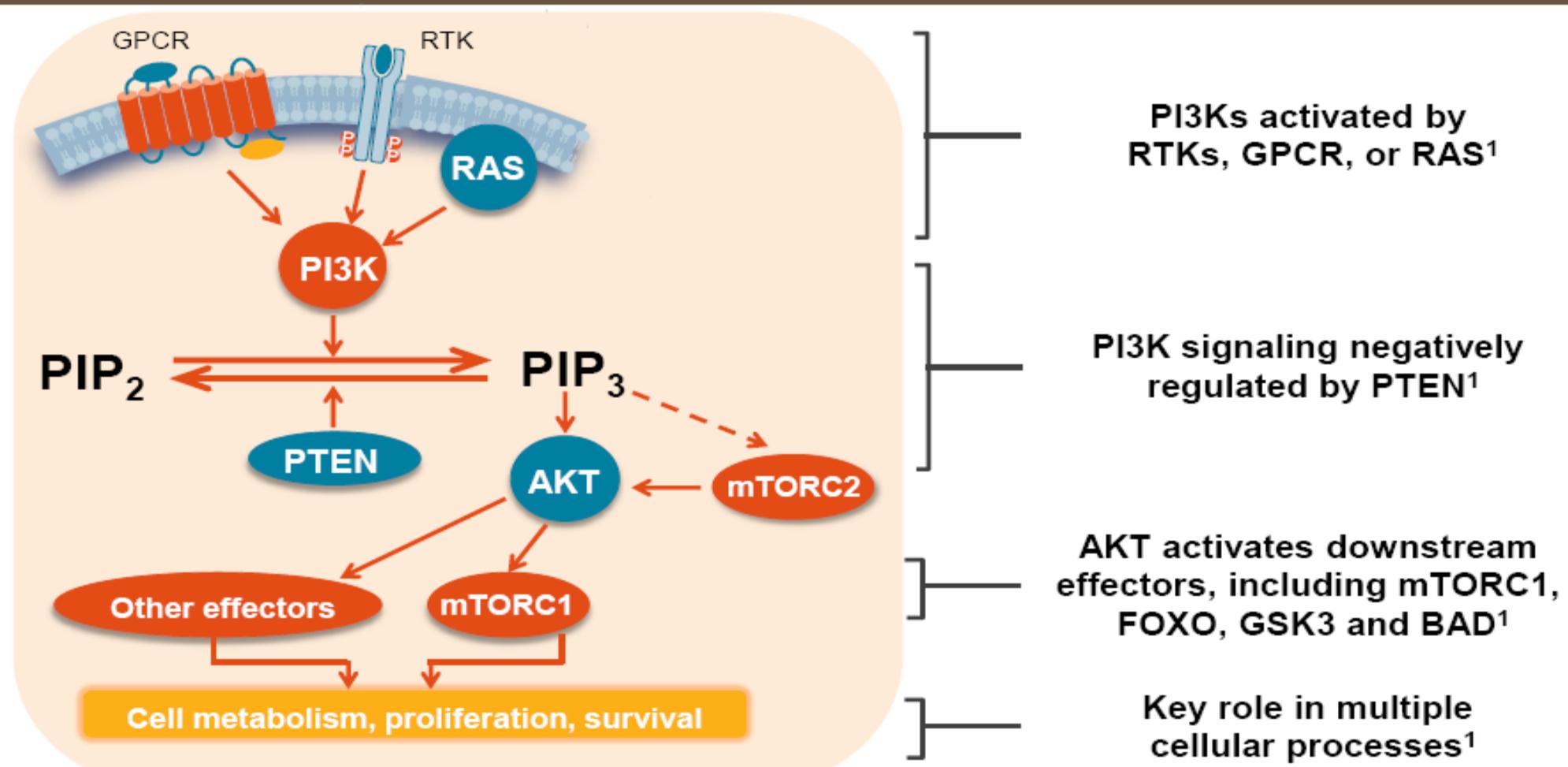
EGFR M+: Post-progression treatment after EGFR TKI's



MET Pathways

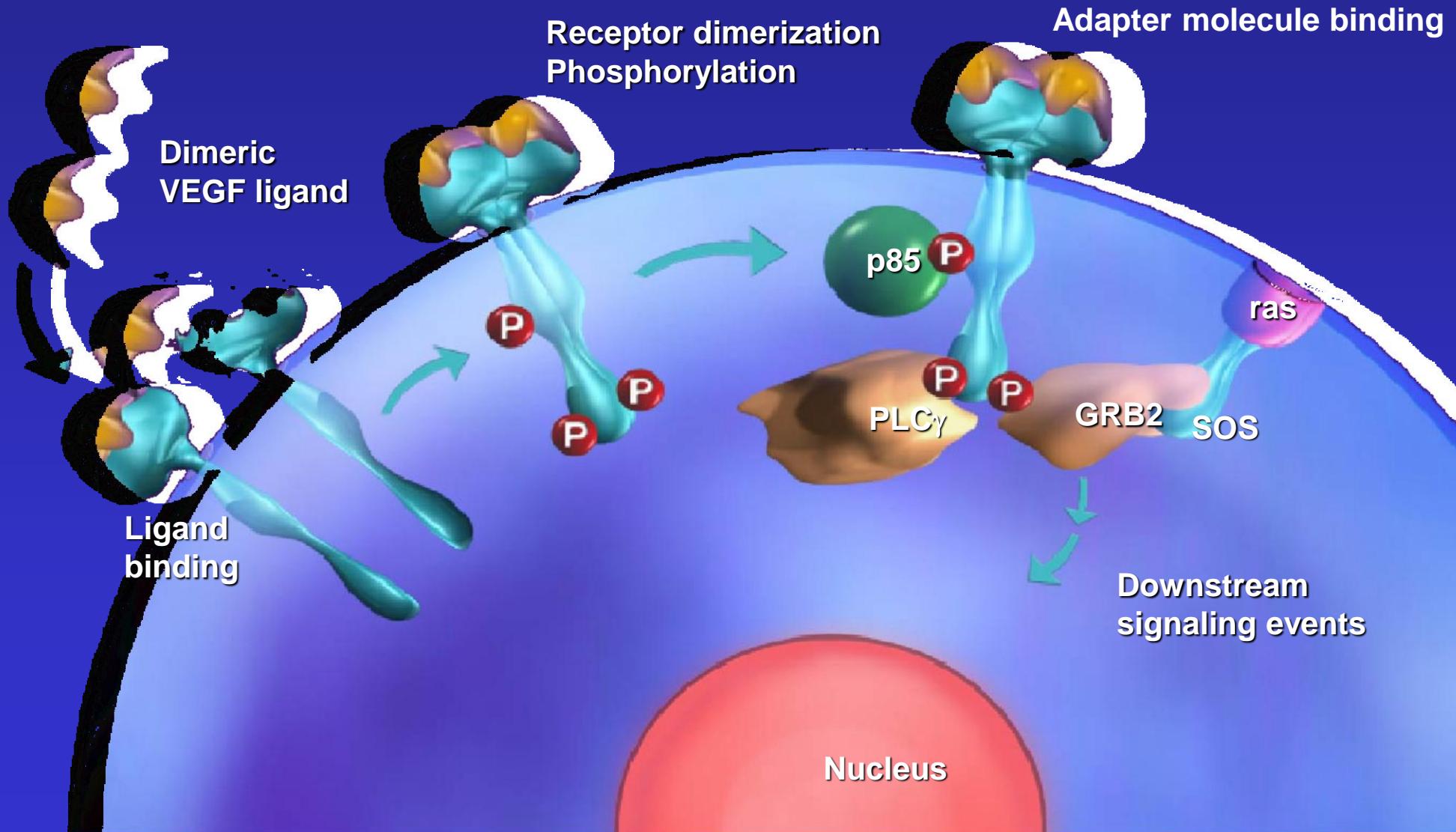


The PI3K/AKT/mTOR Pathway Plays a Key Role in Cellular Metabolism, Proliferation, and Survival



FOXP, forkhead transcription factors; GPCR, G protein-coupled receptor; GSK3, glycogen synthase kinase-3; mTOR, mammalian target of rapamycin; mTORC1, mTOR complex 1; PI3K, phosphatidylinositol 3-kinase; PIP₃, phosphatidylinositol-3,4,5-triphosphate; PIP₂, phosphatidylinositol-3,4,5-diphosphate; RTK, receptor tyrosine kinase.

VEGF signaling





clinical practice guidelines

Annals of Oncology 23 (Supplement 7): vii56–vii64, 2012
doi:10.1093/annonc/mds226

Metastatic non-small-cell lung cancer (NSCLC): ESMO Clinical Practice Guidelines for diagnosis, treatment and follow-up[†]

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