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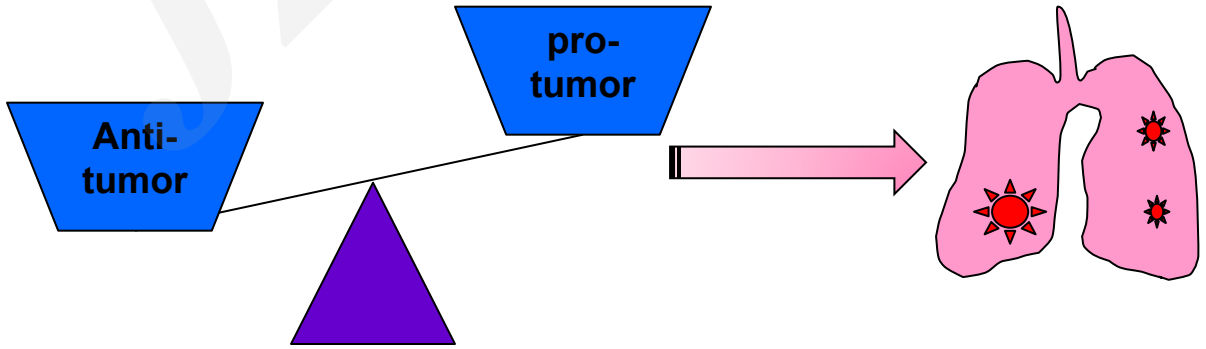
Chemokines and their receptors in lung cancer progression and metastasis

Key words: Lung cancer, Chemokines, Tumor progression, Metastasis

Research Summary

This review mainly focused on recent advancements of the axes of chemokines and their receptors in lung cancer progression and metastasis, and summarized their roles in two aspects:

- **Pro-tumor:** CXCL12/CXCR4, Ub/CXCR4, CXCL1/5/8/CXCR2, CCL2/CCR2, CCL19/21/CCR7, CCL25/CCR9, CCL4/CCR5
- **Anti-tumor:** CXCL1/5/8/CXCR2, CCL2/CCR2, CCL19/21/CCR7, Atypical chemokine receptors (DARC/D6/CCX-CKR)



Innovation points

- **Introduction** of the update investigations on chemokines/receptors in lung cancer progression and metastasis

- **Summary** of the pro-tumor and anti-tumor chemokines/receptors during course of lung tumorigenesis

- **Emphasis** on the mechanism and possible targeted points of certain chemokines/receptors during lung cancer progression and metastasis

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