Cyclooxygenase 2 promotes ovarian cancer cells migration and cisplatin resistance via regulating epithelial mesenchymal transition

Key words: Ovarian cancer, Cox2, Drug resistance, Migration, EMT

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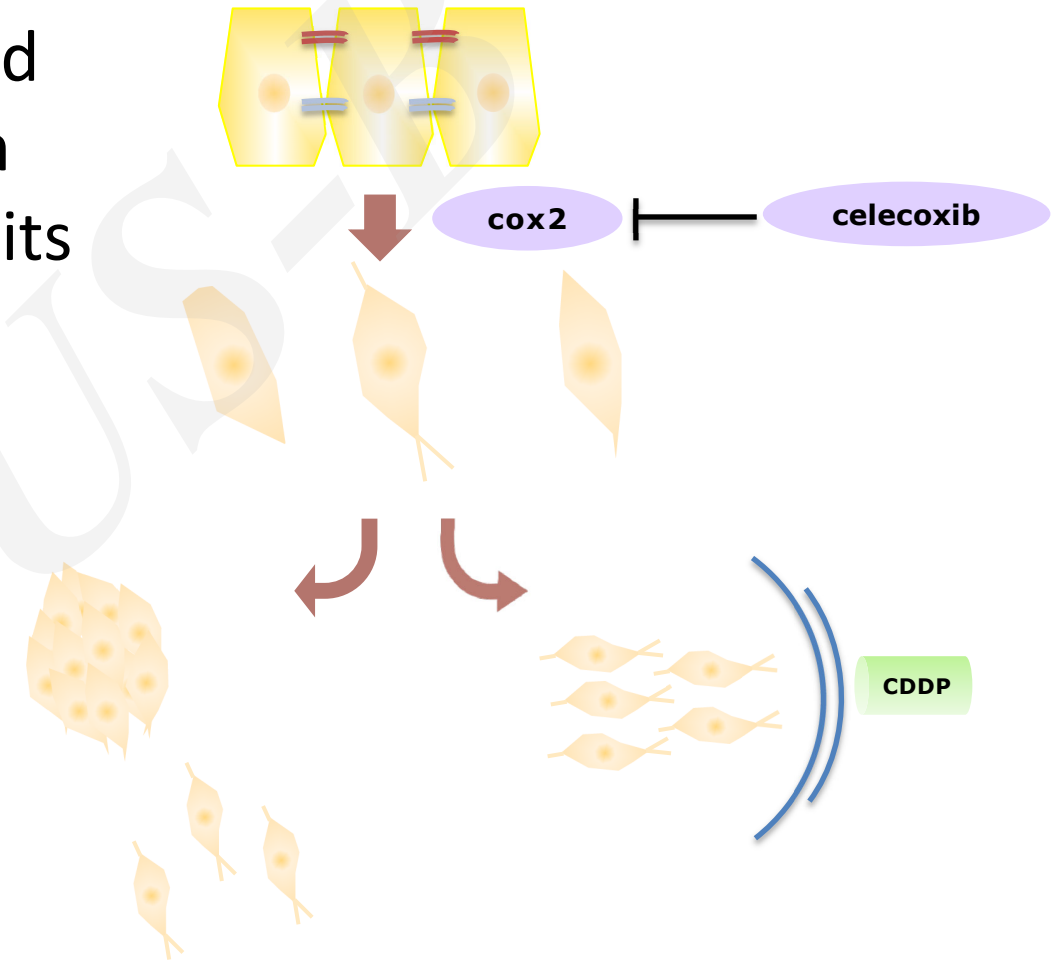
Research Summary

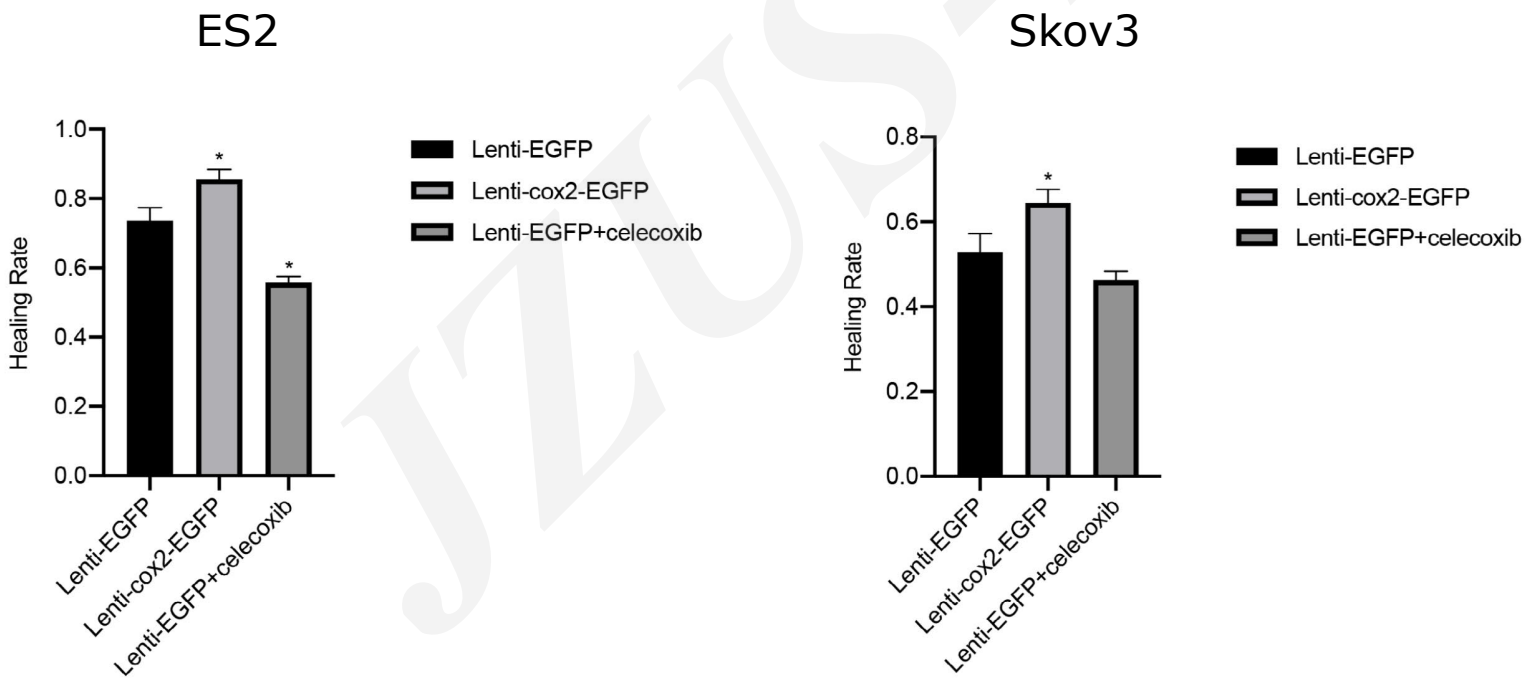
This study mainly focused on the effects of cox2 on ovarian cancer cells and its mechanism:



- *Promote cells migration*
- *Accelerate cells cisplatin resistance*
- *Regulate EMT pathway*

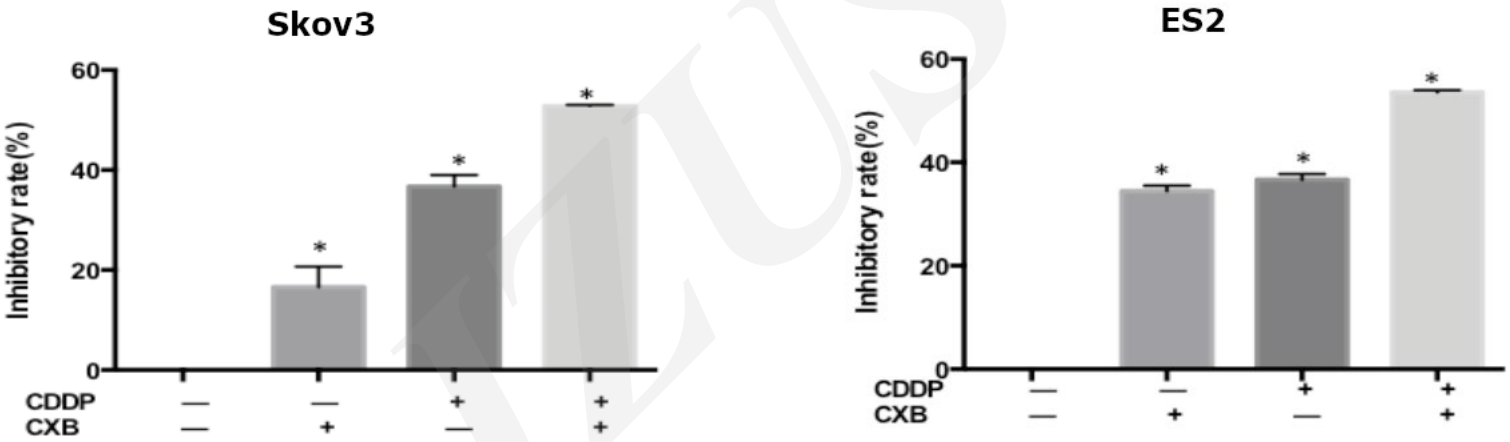
Innovation Points

- ***Effects of cox2 and celecoxib on migration***



Innovation Points

- ***Celecoxib inhibits cells resistance to CDDP, and even, partially reverse this effect***



Innovation Points

- ***Cox2 regulates cells via EMT***