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Basic Study

Predictive and prognostic implications of the autophagy-related proteins 4E-binding protein 1, Beclin-1 and microtubule-associated protein 1A/B-light chain 3 for cetuximab treatment combined with chemotherapy in advanced colorectal cancer with wild-type KRAS: Analysis from real-world data

Guo GF *et al.* Predictors for cetuximab in CRC

Gui-Fang Guo, Yi-Xing Wang, Yi-Jun Zhang, Xiu-Xing Chen, Jia-Bin Lu, Hao-Hua Wang, Chang Jiang, Hui-Quan Qiu, Liang-Ping Xia

Abstract

BACKGROUND

Colorectal cancer (CRC) is one of the main causes of cancer-related deaths in China and around the world. Advanced CRC (ACRC) patients suffer from low cure rate though treated with targeted therapies. The response rate is about 50% to chemotherapy and cetuximab, targeting epidermal growth factor receptor (EGFR) and used for ACRC with wild-type KRAS. It is important to identify more predictors for cetuximab to further improve precise treatment. Autophagy, showing a key role in the cancer progression,

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