**项目名称**：肺癌精准诊治新分子靶标筛选及转化研究

**完 成 人**

王朝霞，沈华，陈果，陈昕，魏晨晨，陈臻瑶，陆彬彬

**完成单位** 南京医科大学第二附属医院、南京医科大学附属逸夫医院、暨南大学

**主要知识产权目录：**

国家发明专利名称： 一种环状RNA及其应用

授权日期：2022-05-07

权利人：南京医科大学第二附属医院

发明人：王朝霞 陈臻瑶 陈昕 顾婧瑶

**代表性论文目录：**

1. Chen Z, Chen X, Lu B, Gu Y, Chen Q, Lei T, Nie F, Gu J, Huang J, Wei C, Sun M, Wang Z. Up-regulated LINC01234 promotes non-small-cell lung cancer cell metastasis by activating VAV3 and repressing BTG2 expression. J Hematol Oncol. 2020; 13(1): 7.
2. Chen Z Chen X, Lei T, Gu Y, Gu J, Huang J, Lu B, Yuan L, Sun M, Wang Z. Integrative Analysis of NSCLC Identifies LINC01234 as an Oncogenic lncRNA that Interacts with HNRNPA2B1 and Regulates miR-106b Biogenesis. Mol Ther. 2020, 28(6): 1479-1493.
3. Hua Shen, Gao-Chan Wang, Xiang Li，Xin Ge, Meng Wang, Zhu-Mei Shi, Vikas Bhardwaj, Zi-Xuan Wang, Ralph G Zinner, Stephen C Peiper, Andrew E Aplin , Bing-Hua Jiang , Jun He. S6K1 blockade overcomes acquired resistance to EGFR-TKIs in non-small cell lung cancer. Oncogene. 2020 12;39 (49), 7181-7195
4. Shu Z, Li Z, Huang H, Chen Y, Fan J, Yu L, Wu Z, Tian L, Qi Q, Peng S, Wei C, Xie Z, Li X, Feng Q, Sheng H, Li G, Wei D, Shan C, Chen G. Cell cycle-dependent phosphorylation of RRM1 ensures efficient DNA replication and regulates cancer vulnerability to ATR inhibition. Oncogene.2020 08;39(35):5721-5733.
5. Shi ZM, Wang L, Shen H, Jiang CF, Ge X, Li DM, Wen YY, Sun HR, Pan MH, Li W, Shu YQ, Liu LZ, Peiper SC, He J, Jiang BH. [Downregulation of miR-218 contributes to epithelial-mesenchymal transition and tumor metastasis inlung cancer by targeting Slug/ZEB2 signaling.](https://www.ncbi.nlm.nih.gov/pubmed/28192397) Oncogene. 2017 May 4;36(18):2577-2588.