Patent Selections:

The patents annotated in this section have been selected from various patent databases. These recent patents are relevant to the articles published in this journal issue, categorized by therapeutic areas/targets and therapeutic agents related to anti-cancer drug discovery.

CIRCULAR RNA

PROLIFERATION

APOPTOSIS
2. Su, D., Ma, X., Gao, Q., Guan, L., Li, Q., Shi, C. Application of SOX11 gene in detecting and/or regulating myocardial cell excessive apoptosis. CN112159839 (2021).

LIPID METABOLISM


VINCristine RESISTANCE

COLORECTal CANCER CELLS

PI3K/AKT

SIGNALING PATHWAY
### Recent Patents on Anti-Cancer Drug Discovery, 2022, Vol. 17, No. 2

#### MIR-125B
1. **Cui, J., Jiang, W., Zhao, F.** Application of miR-125b-2-3p in renal fibrosis. *CN112266954 (2021).*
2. **Hornstein, E., Magen, I., Yacovzada, N.S., Rohrer, J., Fratta, P.** Diagnosis of frontotemporal dementia. *WO2021130753 (2021).*
3. **Jiang, D., Dos, S.M., Li, H.** Method for screening skin endogenous aging targets, active material for improving skin endogenous aging and screening method therefor. *EP3763822 (2021).*

#### CELL PROLIFERATION
1. **Kinooka, M., Kim, M.** Method for promoting cell proliferation, and method for preparing cell cluster. *WO2021006346 (2021).*
2. **Yin, Z., Wu, Y., Xu, Y.** Human V gamma 9 delta 2T cell proliferation culture method and culture medium. *EP3904506 (2021).*

#### HUMAN COLON CANCER
1. **Gu, S., Sun, F.** Pyrimidine benzimidazole hybrid, and preparation method and anti-colon cancer application thereof. *CN112194653 (2021).*
3. **Xiao, X., Tong, K., Huang, L., Zhang S.** Application of exosome membrane proteins as diagnostic markers of colon cancer and early diagnosis kit for colon cancer. *CN112379096 (2021).*

#### SW480 CELLS

#### TARGETING STAT3
2. **Li, C.J., Rogoff, H., Li, Y., Liu, J., Li, W.** Novel group of STAT3 pathway inhibitors and cancer stem cell pathway inhibitors. *US2021024482 (2021).*

#### PHARMACOKINETICS
1. **Kataoka, K., Osawa, S., Uchida, S., Hayashi, K., Dirisala, A., Toh, K.** Composition controlling pharmacokinetics in the body. *EP3766519 (2021).*
3. **Deangelis, P.L.** Heparosan polymers and methods of making and using same for the enhancement of therapeutics. *US2021275679 (2021).*

#### CYCLOPHOSPHAMIDE

#### MOBILE APPLICATIONS
1. **Buckl, S., Schmidmayer, A., Larisch, F.** Electrical heating device, in particular for mobile applications. *WO2021078724 (2021).*
2. **Burton, M., Ghiassy, S., Pitea, A., Geitgey, A., Krems, J., Beard, D., Mullender, M., Brahm, S.L.F.** Mobile service applications. *US2021200554 (2021).*

PATIENT CARE

CANCER PATIENTS

TRADITIONAL CHINESE MEDICINE

INTESTINAL FLORA

DISEASE MANAGEMENT