

Cyclacel Publication List Website Version

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Decker JT, Kandagatla P, Wan L, Bernstein R, Ma JA, Shea LD, and Jeruss JS. Cyclin E overexpression confers resistance to trastuzumab through noncanonical phosphorylation of SMAD3 in HER2+ breast cancer. **Cancer Biol & Therapy** 2020; <https://doi.org/10.1080/15384047.2020.1818518>.

Poon E, Liang T, Jamin Y, Walz S, Kwok C, Hakkert A, Barker K, Urban Z, Thway K, Zeid R, Hallsworth A, Box G, Ebus ME, Licciardello MP, Sbirkov Y, Lazaro G, Calton E, Costa BM, Valenti M, Brandon ADH, Webber H, Tardif N, Almeida GS, Christova R, Boysen G, Richards MW, Barone G, Ford A, Bayliss R, Clarke PA, Bono JD, Gray NS, Blagg J, Robinson SP, Eccles SA, Zheleva D, Bradner JE, Molenaar J, Vivanco I, Eilers M, Workman P, Lin CY, and Chesler L. Orally bioavailable CDK9/2 inhibitor shows mechanism-based therapeutic potential in MYCN-driven neuroblastoma. **J Clin Invest** 2020; <https://doi.org/10.1172/JCI134132>.

Frame S, Saladino C, MacKay C, Atrash B, Sheldrake P, McDonald E, Clarke PA, Workman P, Blake D, Zheleva D. Fdraciclib (CYC065), a novel CDK inhibitor, targets key pro-survival and oncogenic pathways in cancer. **PLOS One**, July 9, 2020; doi.org/10.1371/journal.pone.0234103.

Siebert S, Pratt AG, Stocken DD, Morton M, Cranston A, Cole M, Frame S, Buckley CD, Ng W-F, Filer A, McInnes IB, Isaacs JD. Targeting the rheumatoid arthritis synovial fibroblast via cyclin dependent kinase inhibition: An early phase trial. **Medicine** 2020, 99:26.

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Wierda WG, Lee S, Chen R, Zheleva D, Blake D, Chiao J, Plunkett W. A Phase I Study Combining CDK2/9 Inhibitor CYC065 with Venetoclax, a BCL2 Inhibitor, to Treat Relapsed or Refractory Chronic Lymphocytic Leukemia (CLL). **ASH Ann. Meeting and Exposition; 2019, Dec 7 – 10; Orlando, FL, Abstract 1761.**

Borthakur G, Kadia TM, Azzawi HI, Zheleva D, Blake D, Chiao J. Combining CDK2/9 Inhibitor CYC065 with Venetoclax, a BCL2 Inhibitor, to Treat Patients with Relapsed or Refractory AML or MDS. **ASH Ann. Meeting and Exposition; 2019, Dec 7 – 10; Orlando, FL, Abstract 1379.**

Kadia TM, Borthakur G, Jabbour E, Konopleva M, Ravandi F, DiNardo C, Zheleva D, Blake D, Chiao J. An Oral Combination Study of Novel Nucleoside Analogue Sapacitabine and BCL2 Inhibitor Venetoclax to Treat Patients with Relapsed or Refractory AML or MDS. **ASH Ann. Meeting and Exposition; 2019, Dec 7 – 10; Orlando, FL, Abstract 3926.**

Chantkran W, Zheleva D, Frame S, Hsieh Y-C, Wheadon H and Copland M. Combination of CYC065, a second generation CDK2/9 inhibitor, with venetoclax or standard chemotherapy – a

novel therapeutic approach for acute myeloid leukemia (AML). **ASH Ann. Meeting and Exposition; 2019, Dec 7 – 10; Orlando, FL, Abstract 3938.**

[Kawakami M](#), Mustachio LM, Chen Y, Chen Z, Roszik J, Liu X, Dmitrovsky E. Next Generation CDK2/9 Inhibitor CYC065 Triggers Anaphase Catastrophe in Diverse Aneuploid Cancers and Markedly Inhibits Growth and Metastasis. **Proc. Ann. Meeting AACR, 2019, Mar 29 – Apr 3; Atlanta, GA, Abstract 4407.**

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[Chen R](#), Chen Y, Frame S, Blake D, Wierda WG, Zheleva D, Plunkett W. Strategic combination of the cyclin-dependent kinase inhibitor CYC065 with venetoclax to target anti-apoptotic proteins in chronic lymphocytic leukemia. **Proc. Ann. Meeting AACR, 2018, Apr 14 - 18; Chicago, IL, Abstract 3905.**

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[Moureau S](#), MacKay C, Saladino C, Pohler E, Kroboth K, Hollick J, Zheleva D, Frame S, Blake D. Identification of pharmacodynamic markers, sensitive target indications and potential combinations. **Proc. Ann. Meeting AACR, 2017, Apr 1 - 5; Washington, D.C., Abstract 4178.**

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S. Moureau, E. Pohler, K. Kroboth, C. Saladino, C. MacKay, J. Hollick, D. Zheleva, S. Frame, D. Blake. Therapeutic potential of novel PLK1 inhibitor CYC140 in esophageal cancer and acute leukemia. **28th EORTC-NCI-AACR Molecular Targets and Cancer Therapeutics; 2016 Nov 29 – Dec 2; Munich, Germany. Abstract 355.**

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Sara M. Tolaney, John Frederick Hilton, James M. Cleary, Leena Gandhi, Eunice Lee Kwak, Jeffrey W. Clark, Andrew Wolanski, Tracy Demeo Bell, Scott J. Rodig, Judy H. Chiao, David Blake, Geoffrey Shapiro. Phase I study of sapacitabine and seliciclib in patients with advanced solid tumors. **J Clin Oncol 34, 2016 (suppl; abstr 2503).**

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