

TranSarNet publication list

Critical role of mitochondria-mediated apoptosis for JNJ-26481585-induced antitumor activity in rhabdomyosarcoma

Oncogene. 2015 Nov 30. doi: 10.1038/onc.2015.440. [Epub ahead of print]
Heinicke U, Kupka J, Fichter I, Fulda S

Targeting the EWS-ETS transcriptional program by BET bromodomain inhibition in Ewing sarcoma

Oncotarget. 2015 Nov 25
Hensel T, Giorgi C, Schmidt O., (...), Schäfer B, Burdach S, Richter GH.

Promises and challenges of Smac mimetics as cancer therapeutics

Clin Cancer Res. 2015 Nov 15;21(22):5030-6. doi: 10.1158/1078-0432.CCR-15-0365.
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Deep sequencing in conjunction with expression and functional analyses reveals activation of FGFR1 in Ewing sarcoma

Clin Cancer Res. 2015 Nov 1;21(21):4935-46.
Agelopoulos K, Richter GH, Schmidt E, Dirksen U, von Heyking K, Moser B, Klein HU, Kontny U, Dugas M, Poos K, Korsching E, Buch T, Weckesser M, Schulze I, Besoke R, Witten A, Stoll M, Köhler G, Hartmann W, Wardelmann E, Rossig C, Baumhoer D, Jürgens H, Burdach S, Berdel WE, Müller-Tidow C.

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Local control in Ewing sarcoma of the chest wall: Results of the EURO-EWING 99 trial

Ann Surg Oncol. 2015 Sep;22(9):2853-9
Bedetti B, Wiebe K, Ranft A, Aebert H, Schmidt J, Jürgens H, Dirksen U.

IL6 secreted by Ewing sarcoma tumor microenvironment confers anti-apoptotic and cell-disseminating paracrine responses in Ewing sarcoma cells

BMC Cancer. 2015 Jul 28;15(1):552
Lissat A, Joerschke M, Shinde DA, Braunschweig T, Meier A, Makowska A., Bortnick R, Henneke P, Herget G, Gorr T, Kontny U

New small molecules targeting apoptosis and cell viability in osteosarcoma

PLoS One. 2015 Jun 3;10(6)
Maugg D, Rothenaigner I, Schorpp, Potukuchi HK, Korsching E, Baumhoer D, Hadian K, Smida J, Nathrath M.

TP53 intron 1 hotspot rearrangements are specific to sporadic osteosarcoma and can cause Li-Fraumeni syndrome

Oncotarget. 2015 Apr 10;6(10):7727-40
Ribi S, Baumhoer D, Lee K, Edison, Teo AS, Madan B, Zhang K, Kohlmann WK, Yao F, Lee WH, Hoi Q, Cai S, Woo XY, Tan P, Jundt G, Smida J, Nathrath M, Sung WK, Schiffman JD, Virshup DM, Hillmer AM.

Genomic heterogeneity of osteosarcoma – shift from single candidates to functional modules

PLoS One. 2015 Apr 7;10(4):e0123082. doi: 10.1371/journal.pone.0123082. eCollection 2015
Poos K, Smida J, Maugg D, Eckstein G, Baumhoer D, Nathrath M, Korsching E.

Gene Expression Profiling of Ewing Sarcoma Tumors Reveals the Prognostic Importance of Tumor-Stromal Interactions: A Report from the Children's Oncology Group

J Pathol Clin Res. 2015 Apr;1(2):83-94.
Volchenbourn SL, Andrade J, Huang L, Barkauskas DA, Krailo M, Womer RB, Ranft A, Potratz J, Dirksen U, Triche TJ, Lawlor ER.

Targeting apoptosis for anticancer therapy

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Analysis of the antiproliferative effects of 3-deazaneoplanocin A in combination with standard anticancer agents in rhabdoid tumor cell lines

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Oncogenic fusion protein EWS-FLI1 is a network hub that regulates alternative splicing

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Smac mimetics as IAP antagonists

Semin Cell Dev Biol. 2015 Mar;39:132-8. doi: 10.1016/j.semccdb.2014.12.005. Epub 2014 Dec 27
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Therapeutic exploitation of necroptosis for cancer therapy

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Synthetic lethality by co-targeting mitochondrial apoptosis and PI3K/Akt/mTOR signaling

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A Rb1 promoter variant with reduced activity contributes to osteosarcoma susceptibility in irradiated mice

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[DETAILS](#)

Structuring osteosarcoma knowledge: an osteosarcoma-gene association database based on literature mining and manual annotation

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