

Curriculum Vitae

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EDUCATION AND TRAINING:

- Jan. 2021 – Present Postdoctoral fellow (Supervisor: Dr. Hyoun Sook Kim)
Division of Precision Medicine, Research Institute, National Cancer Center, Republic of Korea.
- Mar. 2015 – Jan. 2021 Ph.D. Pharmacy (Supervisor: Dr. Byung Woo Han)
College of Pharmacy, Seoul National University, Seoul, Korea.
Thesis title: “Structural and Functional Analyses of Peroxisome Proliferator-Activated Receptor Gamma in Cancer and Diabetes”
- Mar. 2010 – Feb. 2015 B.Sc. Chemistry education (Supervisor: Dr. Jae Hoon Yu)
Division of Education, Seoul National University, Seoul, Korea.

PUBLICATIONS:

- **Jang DM***, Lim HJ*, Hahn H, Lee Y, Kim HK, Kim HS. Structural Basis of Inhibition of DCLK1 by Ruxolitinib. *Int J Mol Sci.* 2021, 22, 8488.
- **Jang DM***, Jang JY*, Kim HJ, Han BW. Differential Effects of Cancer-Associated Mutations Enriched in Helix H3 of PPAR γ . *Cancers (Basel).* 2020 Nov 30;12(12):3580.
- Ahn S*, **Jang DM***, Park SC, An S, Shin J, Han BW, Noh M. Cyclin-Dependent Kinase 5 Inhibitor Butyrolactone I Elicits a Partial Agonist Activity of Peroxisome Proliferator-Activated Receptor γ . *Biomolecules.* 2020 Feb 11;10(2):275.
- Hahn H, Lee DE, **Jang DM**, Kim J, Lee Y, Cheong H, Han BW, Kim HS. Structural Insight on Functional Regulation of Human MINERVA Protein. *Int J Mol Sci.* 2020 Oct 31;21(21):8186.
- Park JS, Lee JY, Nguyen YTK, Kang NW, Oh EK, **Jang DM**, Kim HJ, Kim DD, Han BW. Structural Analyses on the Deamidation of N-Terminal Asn in the Human N-Degron Pathway. *Biomolecules.* 2020 Jan 20;10(1):163.
- Choi YJ, Ohn JH, Kim N, Kim W, Park K, Won S, Sael L, Shin CM, Lee SM, Lee S, An HJ, **Jang DM**, Han BW, Lee HS, Kang SJ, Kim JS, Lee DH. Family-based exome sequencing combined with linkage analyses identifies rare susceptibility variants of MUC4 for gastric cancer. *PLoS One.* 2020 Jul 23;15(7):e0236197.
- Ka D, **Jang DM**, Han BW, Bae E. Molecular organization of the type II-A CRISPR adaptation module and its interaction with Cas9 via Csn2. *Nucleic Acids Res.* 2018 Oct 12;46(18):9805-9815.
- Kim HS, Hahn H, Kim J, **Jang DM**, Lee JY, Back JM, Im HN, Kim H, Han BW, Suh SW. Structural basis for the substrate recognition of peptidoglycan pentapeptides by *Enterococcus faecalis* VanYB. *Int J Biol Macromol.* 2018 Nov;119:335-344.
- Ji S, Lee JY, Schrör J, Mazumder A, **Jang DM**, Chateauvieux S, Schnekenburger M, Hong CR, Christov C, Kang HJ, Lee Y, Han BW, Kim KW, Shin HY, Dicato M, Cerella C, König GM, Orlikova B, Diederich M. The dialkyl resorcinol

stemphol disrupts calcium homeostasis to trigger programmed immunogenic necrosis in cancer. *Cancer Lett.* 2018 Mar 1;416:109-123.

- Lee JY, Talhi O, **Jang DM**, Cerella C, Gaigneaux A, Kim KW, Lee JW, Dicato M, Bachari K, Han BW, Silva AMS, Orlikova B, Diederich M. Cytostatic hydroxycoumarin OT52 induces ER/Golgi stress and STAT3 inhibition triggering non-canonical cell death and synergy with BH3 mimetics in lung cancer. *Cancer Lett.* 2018 Mar 1;416:94-108.