Curriculum Vitae

Name	**Mark Borris Aldonza**	
Current Position & Affiliation	**Research Associate, Seoul National University**	
Country	**Korea**	

Educational Background

PhD candidate, Veterinary & Biomedical Sciences, Seoul National University
BSc, Biological Sciences, KAIST

Professional Experience

PhD Research Associate, College of Veterinary Medicine, Seoul National University, Korea (2020.09 - present)

Researcher, Department of Chemical & Biomolecular Engineering, KAIST, Korea (2016.5 - 2020.08)

Visiting Research Fellow, Institute of Molecular Biotechnology of the AAS (IMBA), Austria (2017)

Visiting Research Fellow, Research Center for Complex Systems Biology, University of Tokyo, Japan (2016)

Research Assistant, College of Veterinary Medicine, Seoul National University, Korea (2014.03 - 2015.04)

Research Assistant, College of Pharmacy, Seoul National University, Korea (2013.02 - 2014.03)

Professional Organizations

Associate Member, American Society for Cancer Research (AACR)
Associate Member, Human Proteome Organization (HUPO)
Member, Korean Human Proteome Organization (KHUPO)
Member, Korean Society for Biochemistry and Molecular Biology (KSBMB)
Member, Korean Society for Molecular and Cellular Biology (KSMCB)

Main Scientific Publications

Aldonza MB, Ku J, Hong JY, Kim D, Yu SJ, Lee MS, Prayogo MC, Tan S, Kim D, Han J, Lee SK, Im SG, Ryu HS, Kim Y. "Prior acquired resistance to paclitaxel relays diverse EGFR-targeted therapy persistence mechanisms" ***Science Advances*** 6 (6), eaav7416 (2020).

Aldonza MB, Son YS, Sung HJ, Ahn JM, Choi YJ, Kim YI, Cho S, Cho JY. "Paraoxonase-1 (PON1) induces metastatic potential and apoptosis escape via its antioxidative function in lung cancer cells" ***Oncotarget*** 8 (26), 42817-42835 (2017).

Aldonza MB, Hong JY, Lee SK. "Paclitaxel-resistant cancer cell-derived secretomes elicit ABCB1-associated docetaxel cross-resistance and escape from apoptosis through FOXO3a-driven glycolytic regulation" ***Experimental & Molecular Medicine*** 49 (1), e286 (2017).

Aldonza MB, Hong JY, Alinsug MV, Song J, Lee SK. "Multiplicity of acquired cross-resistance in paclitaxel-resistant cancer cells is associated with feedback control of TUBB3 via FOXO3a-mediated ABCB1 regulation" ***Oncotarget*** 7 (23), 34395-34419 (2016).

Aldonza MB, Hong JY, Bae SY, Song J, Kim WK, Oh J, Shin Y, Lee SH, Lee SK. "Suppression of MAPK signaling and reversal of mTOR-dependent MDR1-associated multidrug resistance by 21α-methylmelianodiol in lung cancer cells" ***PLoS ONE*** 10 (6), e0127841 (2015).