

CURRICULUM VITAE of Dr. YU Yuanyuan (Ph.D.)

Name: Yu Yuanyuan

Academic qualifications

2003.9-2007.7	BSc	School of Biotechnology, Weifang University, P. R. China
2007.9-2010.7	MSc	Department of Microbiology, Liaoning University, P. R. China
2010.9-2015.11	PhD	School of Biomedical Sciences, Faculty of Medicine, The University of Hong Kong, Hong Kong S.A.R

Academic Experience

2019.5-	Research Assistant	Institute for Advancing Translational Medicine
Now	Professor	in Bone & Joint Diseases, School of Chinese Medicine, Hong Kong Baptist University

Research Experience

2015.11-	Postdoctoral	Institute for Advancing Translational Medicine
2019.05	Research Fellow	in Bone & Joint Diseases, School of Chinese Medicine, Hong Kong Baptist University

Five most relevant publications in the recent five years

(* corresponding author)

1. Zhang N, Liu DD, Jiang HW, Zhao Y, Zhang ZK, Lyu AP, Zhang BT*, **Yu YY***, Zhang G*. Structural biology for the molecular insight between aptamers and target proteins. *Front Cell Dev Biol. Int. J. Mol. Sci.* 2021 Apr 15;22(8):4093. doi: 10.3390/ijms22084093.
2. Chen ZH, Hu L, Zhang BT, Lyu AP, Wang YF*, **Yu YY***, Zhang G*. Artificial Intelligence in aptamer-target binding prediction. *Int. J. Mol. Sci.* 2021, 22, 3605.
3. Zhuo ZJ, Wan YY, Guan DG, Ni SJ, Wang LY, Zhang ZK, Liu J, Liang C, **Yu YY**, Lu A, Zhang G, Zhang BT. A Loop-Based and AGO-Incorporated Virtual Screening Model Targeting AGO-Mediated miRNA-mRNA Interactions for Drug Discovery to Rescue Bone Phenotype in Genetically Modified Mice. *Advanced Science.* 2020, 13(7): 1903451:1-22. (JUL 2020)
4. Ni SJ, Zhuo ZJ, Pan YF, **Yu YY**, Li FF, Liu J, Wang LY, Wu XQ, Li DJ, Wan YY, Zhang LH, Yang ZJ, Zhang BT, Lu AP, Zhang G. Recent Progress in Aptamer Discoveries and Modifications for Therapeutic Applications. *ACS Appl. Mater. Interfaces*, 2020 Jun; 05750:1-20
5. Wu X, Li F, Li Y, **Yu Y**, Liang C, Zhang B, Zhao C, Lu A, Zhang G. A PD-L1 Aptamer Selected by Loss-Gain Cell-SELEX Conjugated with Paclitaxel for Treating Triple-Negative Breast Cancer. *Med Sci Monit.* 2020 Jun 23;26:e925583. doi: 10.12659/MSM.925583.