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Research interests: Cell-cell junction in health and disease; Desmoglein-3, Hippo pathway; Yes-associated protein (YAP)

Publications:

1. Ahmad US, Uttagomol J, Wan H. The Regulation of the Hippo Pathway by Intercellular Junction Proteins. *Life (Basel)*. 2022 Nov 5;12(11):1792. doi: 10.3390/life12111792.
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3. Huang Y, Jedličková H, Cai Y, Rehman A, Gammon L, Ahmad US, Uttagomol J, Parkinson EK, Fortune F, Wan H. Oxidative Stress-Mediated YAP Dysregulation Contributes to the Pathogenesis of Pemphigus Vulgaris. *Front Immunol*. 2021 Apr 19;12:649502. doi: 10.3389/fimmu.2021.649502.
4. Uttagomol J, Ahmad US, Rehman A, Huang Y, Laly AC, Kang A, Soetaert J, Chance R, Teh MT, Connelly JT, Wan H. Evidence for the Desmosomal Cadherin Desmoglein-3 in Regulating YAP and Phospho-YAP in Keratinocyte Responses to Mechanical Forces. *Int J Mol Sci*. 2019 Dec 10;20(24):6221. doi: 10.3390/ijms20246221.
5. Rehman A, Cai Y, Hünefeld C, Jedličková H, Huang Y, Teck Teh M, Sharif Ahmad U, Uttagomol J, Wang Y, Kang A, Warnes G, Harwood C, Bergamaschi D, Kenneth Parkinson E, Röcken M, Wan H. The desmosomal cadherin desmoglein-3 acts as a keratinocyte anti-stress protein via suppression of p53. *Cell Death Dis*. 2019 Oct 3;10(10):750. doi: 10.1038/s41419-019-1988-0.
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7. Moftah H, Dias K, Apu EH, Liu L, Uttagomol J, Bergmeier L, Kermorgant S, Wan H. Desmoglein 3 regulates membrane trafficking of cadherins, an implication

in cell-cell adhesion. *Cell Adh Migr.* 2017 May 4;11(3):211-232. doi:
10.1080/19336918.2016.1195942.

8. Wan H, Lin K, Tsang SM, Uttagomol J. Evidence for Dsg3 in regulating Src signaling by competing with it for binding to caveolin-1. *Data Brief.* 2015 Dec 3;6:124-34. doi: 10.1016/j.dib.2015.11.049.