

**Balasubramanyam Karanam Ph.D, Adjunct Associate Professor,  
Department of Biology, Publications, Presentations and Patents  
(2008-2017)**

1. Arora R., Schmitt D., Karanam B., Tan M., Yates C., Dean-Colomb W. Inhibition of the Warburg effect with a natural compound reveals a novel measurement for determining the metastatic potential of breast cancers. (2015), *Oncotarget*, Jan 7, 6(2),pp 662-678
2. Peng, S., Wang, J.W., Karanam, B., Wang, C., Huh, W.K., Alvarez, R.D., Pai, S.I., Hung, C.-F., Wu, T.-C., Roden, R.B.S. Sequential cisplatin therapy and vaccination with HPV16 E6E7L2 fusion protein in saponin adjuvant GPI-0100 for the treatment of a model HPV16+ cancer (2015) *PLoS ONE*, 10 (1), art. no. e116389.
3. Karthigeyan, D., Siddhanta, S., Kishore, A.H., Perumal, S.S.R.R., Ågren, H., Sudevan, S., Bhat, A.V., Balasubramanyam, K., Subbegowda, R.K., Kundu, T.K., Narayana, C.SERS and MD simulation studies of a kinase inhibitor demonstrate the emergence of a potential drug discovery tool (2014) *Proceedings of the National Academy of Sciences of the United States of America*, 111 (29), pp. 10416-10421.
4. Karanam, B., Gambhira, R., Peng, S., Jagu, S., Kim, D.-J., Ketner, G.W., Stern,

9. Nieto, K., Weghofer, M., Sehr, P., Ritter, M., Sedlmeier, S., Karanam, B., Seitz, H., Müller, M., Kellner, M., Hörer, M., Michaelis, U., Roden, R.B.S., Gissmann, L., Kleinschmidt, J.A. Development of AAVLP(HPV16/31L2) particles as broadly protective HPV vaccine candidate(2012) *PLoS ONE*, 7 (6), art. no. e39741, . Cited 15 times.
10. Mamoor, S., Onder, Z., Karanam, B., Kwak, K., Bordeaux, J., Crosby, L., Roden, R.B.S., Moroianu, J. The high risk HPV16 L2 minor capsid protein has multiple transport signals that mediate its nucleocytoplasmic traffic (2012) *Virology*, 422 (2), pp. 413-424. Cited 7 times.
11. Wu, W.-H., Gersch, E., Kwak, K., Jagu, S., Karanam, B., Huh, W.K., Garcea, R.L., Roden, R.B.S. Capsomer vaccines protect mice from vaginal challenge with human papillomavirus(2011) *PLoS ONE*, 6 (10), art. no. e27141, . Cited 5 times.
12. Bazzaro, M., Anchoori, R.K., Mudiam, M.K.R., Issaenko, O., Kumar, S., Karanam, B., Lin, Z., Isaksson Vogel, R., Gavioli, R., Destro, F., Ferretti, V., Roden, R.B.S., Khan, S.R. , -unsaturated carbonyl system of chalcone-based derivatives is responsible for broad inhibition of proteasomal activity and preferential killing of human papilloma virus (HPV) positive cervical cancer cells (2011) *Journal of Medicinal Chemistry*, 54 (2), pp. 449-456. Cited 19 times.
13. Karanam, B., Peng, S., Li, T., Buck, C., Day, P.M., Roden, R.B.S. Papillomavirus infection requires secretase(2010) *Journal of Virology*, 84 (20), pp. 10661-10670. Cited 20 times.
- 14.

19. Karanam, B., Gambhira, R., Peng, S., Jagu, S., Kim, D.-

6. **Papillomavirus infection requires g-secretase, *Balasubramanyam Karanam, Shiwen Peng, Richard Roden.*** International Papillomavirus Conference and Clinical Workshop Montreal, Canada July 3rd - July 8th 2010,
7. **Nuclear localization of Kaiso promotes the poorly differentiated phenotype and EMT in infiltrating ductal carcinomas,** Jones, J., Wang, H., ***Karanam, B.***, Theodore, S., Dean-Colomb, W., Welch, D.R., Grizzle, W., Yates, C. 13th Research Centers at Minority Institutions (RCMI) International Symposium on Health Disparities. San Juan, Puerto Rico, December 10-13, 2012.
8. **High Through-Put Drug Screening for Metastatic Cancer,** *Damaris Gachungi, Clayton Yates, Balasubramanyam Karanam.* Annual Biomedical Research Conference for Minority Students, Nashville, Tennessee, Nov 13