

LIST OF PUBLICATIONS IN JOURNALS

- 1) **S Sreeja**, CKK Nair. Chemo-directed specific targeting of nanoparticle-doxorubicin complexes to tumor in animal model (2016). J Drug Deliv Sci Technol. 2016; 31:167-175. <http://dx.doi.org/10.1016/j.jddst.2016.01.003>
- 2) **Sreeja S**, Nair CKK. Anticancer Property of Iron Oxide Nanoparticle-Drug Complexes: An in vitro Study. J Environ Pathol Toxicol Oncol. 2015; 34(3):183-9. DOI:10.1615/JEnvironPatholToxicolOncol.2015013482.PubMedPMID: 26349601.
- 3) **SreejaS** and Nair CKK. Control of *vegf* Expression and Tumor Angiogenesis by Nanoparticle- Berberine- Sanazole Complexes. Int J Pharm Pharm Res.2015; 4(4):161-170.
- 4) **Sreeja Sand** CKK Nair. Preclinical investigations on antineoplastic activity of Iron oxide nanoparticle – drug complexes. Adv Mat Res.2015; 1086:43-49. (doi:10.4028/www.scientific.net/AMR.1086.43).
- 5) **Sreeja Sand** Nair CKK. Magnetic nanoparticles directed delivery of Berberine - a cytotoxic phytochemical, for tumor control (2015). **Sreeja. S** and C.K.K. Nair, Adv Sci Eng Med. 2015; 7:53-61.DOI:<http://dx.doi.org/10.1166/ asem.2015.1649>.
- 6) **Sreeja Sand** Nair CKK. Effect of Hypoxic Cell Sensitizer on Transcription of *hif-1 α* and its Target Genes in Tumor Cells, Accepted for publication in International Journal of Cancer Research (2016).

Presentations in Symposia and Conferences

International:

- 1) Presented a poster on “Directing nanoparticle- drug complexes to solid tumor by hypoxic cell radiosensitizer” in **International conference on Radiation Research** organized by Society for Radiation Research (11-13 February, 2016) at the Convention Centre, Anushakti Nagar, Bhabha Atomic Research Centre, Mumbai, India [*Adjudged with best poster award*].

- 2) Presented a poster on “Hypoxia specific targeting of nanoparticle-drug complex: tumor regression and expression of *hif-1α* and its target genes” in **International conference on NextGen Genomics, Biology, Bioinformatics and Technologies** organized by SciGenom Research Foundation (SGRF), Centre for Cellular and Molecular Biology (CCMB) and Institute of Bioinformatics (1-3 October, 2015) at Hyderabad International Convention Centre, Hyderabad, India [*Adjudged with best poster award*].
- 3) Presented a paper on “Preliminary investigations on antineoplastic activity of Iron oxide nanoparticle – drug complex” in **3rd International Conference on Materials for Energy and Nanoconvergence** organized by Centre for Excellence in Clean Energy and Nano Convergence AND Hindustan Institute of Technology and Science (4-6 July, 2013) at Chennai, India.

National:

- 4) Presented a paper on “Chemo-Directed Targeting of Nanoparticle-drug Complexes to Tumor: Preclinical Evaluation of Therapeutic Efficacy and Gene Expression” in **28th Kerala Science congress** (2016) organized by Kerala State Council for Science, Technology and Environment (KSCSTE) jointly with Centre for Water Resource Development and Management (CWRDM), University of Calicut, Malappuram, Kerala, India.
- 5) Presented a paper on “Tumor control by Berberine-iron oxide nanoparticle complexes” in **27th Kerala Science congress** organized by KSCSTE jointly with NATPAC (27-30 January, 2015), Camelot Convention Centre, Alappuzha, Kerala, India.
- 6) Presented a poster on “Anti-neoplastic activity of iron oxide nanoparticle – drug complexes” in **26th Kerala Science Congress** organized by KSCSTE (28-31 January, 2014) at Government College of Veterinary & Animal Sciences, Pookkotte, Wayanad, Kerala, India.
- 7) Presented a poster on “Differential expression of hypoxia-inducible factors in response to Sanazole under *in vitro* and *in vivo* conditions” in **National conference on frontier in diagnostic research and treatment** (2015).

- 8) Presented a poster on “Targeted delivery of cytotoxic drug to tumor using magnetic iron oxide nanoparticles” in UGC sponsored programme on **Stem cell therapy and Cancer**(2014).
- 9) Presented a poster on “Anticancer activity of magnetic nanoparticles complexed with Sanazole and Doxorubicin – an *in vitro* study” in UGC sponsored programme on **Stem cell therapy and Cancer**(2014).