

CURRICULUM VITAE



Name: Chinthalapally V. Rao (CV Rao)

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Position: Professor and Director, Center for Cancer Prevention and Drug Development

Institution: University of Oklahoma Health Sciences Center

Location: 975 NE 10th Street, BRC 1203, OUHSC, Oklahoma City, OK 73104

Education: Ph.D. Microbiology, Osmania University, Hyderabad, India

Representative Careers:

Dr. Rao, is Kerley-Cade Endowed Chair in Cancer Research, and George Lynn Cross Professor of Medicine, in Medical Oncology Section, and Director of the Center for Cancer Prevention and Cancer Drug Development (CCPDD) at the University of Oklahoma Health Sciences Center (OUHSC) in Oklahoma City. Dr. Rao holds the appointments at the Graduate School (Professor), Department of Pathology & Pharmaceutical Sciences (Adjunct Professor). Before 2005, Dr. Rao held the position of Chief, Division of Nutritional Carcinogenesis and Leader of Chemoprevention Program at the American Health Foundation (AHF)-Cancer Center, an NCI-designated Cancer Center, Valhalla, New York.

Specialty & Present Interest:

Molecular and Preclinical Approaches to Clinical Prevention of Colorectal and other Aero-digestive Tract Cancers: Research in my lab is focused on cancer prevention with major goal to design and develop efficacious strategies for clinical prevention of colorectal cancer and other aero-digestive tract cancers. Current efforts focus on identifying optimal molecular targets for chemopreventive drug development and understanding the molecular mechanisms involved in the pathology of colorectal, pancreas and lung cancers

Representative papers (up to 5):

1. Janakiram NB, Mohammed A, Bryant T, Ritchie R, Stratton N, Jackson L, Lightfoot S, Benbrook DM, Asch AS, Lang ML, Rao CV. Loss of natural killer T cells promotes pancreatic cancer in LSL-KrasG12D-/+ mice. *Immunology*. 2017 Sep;152(1):36-51. doi: 10.1111/imm.12746. Epub 2017 May 29. PMID: 28419443
2. Reddy, B.S., Hirose, Y., Lubet, R., Steele, V.E., Kelloff, G., Paulson, S., Seibert, K., and Rao, C.V. (2000) Chemoprevention of colon cancer by specific cyclooxygenase-2 inhibitor, celecoxib, administered during different stages of carcinogenesis. *Cancer Res*, 60: 293-297.
3. Rao, C.V., Janakiram, N. B., Madka, V., Kumar, G., Edgar, S., Pathuri, G., Bryant, T., Kutsche, H., Zhang, Y., Biddick, L., Gali, H., Zhao, D., Lightfoot, S., Mohammed, A. (2016). Small molecule inhibition of GCNT3 disrupts mucin biosynthesis and malignant cellular behaviors in pancreatic cancer. *Cancer research*. PMID: 26880801.