

Charan Ganta

BVSc, PhD, DACVP

inotiv
analyze. answer. advance.



Investigative Pathologist

charan.ganta@inotiv.com

ABOUT

Dr. Charan Ganta joined Inotiv as an investigative pathologist in 2022 when it acquired Integrated Laboratory Systems (ILS). He began working at ILS in 2020 as an Investigative Pathologist. Dr. Ganta works as an on-site Division of Translational Toxicology Pathologist (contractor) in the Comparative and Molecular Pathogenesis Branch (CMPB) at the National Institute of Environmental Health Sciences (NIEHS), providing pathology and biomarker (immunohistochemistry and *in situ* hybridization) support, in addition he leads the Artificial Intelligence and Image Analysis core at CMPB. He also serves as an Adjunct Associate Professor at Kansas State University (KSU) in the department of diagnostic medicine/pathobiology.

Dr. Ganta is a member of the International Harmonization of Nomenclature and Diagnostic Criteria (INHAND) working group for the Respiratory Organ Working Group and the New STP Special Interest Group for Respiratory and Inhalation Pathology.

Dr. Ganta's research while at KSU focused on the immunomodulatory and antimicrobial properties of mesenchymal stem cells in acute lung injury, cutaneous wound healing, and exploring alternative serum mediums for stem cell cultures.

Prior to joining Inotiv, Dr. Ganta served as the Director of Comparative and Experimental Pathology Services at Kansas State, providing pathology support to investigators with animal disease models where he provided services including gross necropsy in BSL-2 and BSL3 facilities, routine histopathological evaluations, immunohistochemistry, *in situ* hybridization, digital pathology, tissue morphometry, and subsequent image analysis for quantification of biomarker expression or other targets of interest.

Dr. Ganta continues to be a mentor to students at KSU, where he completed his residency in Veterinary Anatomic Pathology, College of Veterinary Medicine and received his Ph.D. in Physiology and Neuroimmunology. He earned his BVSc and AH (DVM equivalent) from ANGRAU, College of Veterinary Science, India.



AREAS OF EXPERTISE

- Immunohistochemistry
- In Situ hybridization
- Digital Pathology
- Artificial Intelligence

MY JAM

- Family Time
- Fishing

