



Colorado Clinical and Translational Sciences Institute (CCTSI)

UNIVERSITY OF COLORADO **DENVER** | **ANSCHUTZ MEDICAL CAMPUS**



Biography

Ronald Sokol, MD

Director, Colorado Clinical and Translational Sciences Institute

Assistant Vice Chancellor for Clinical and Translational Science

Vice Chair, Clinical and Translational Research

University of Colorado Anschutz Medical Campus

Dr. Ronald J. Sokol received his medical degree from the University of Chicago Pritzker School of Medicine and completed pediatric residency training and Chief Residency at the University of Colorado School of Medicine. He completed fellowship training in Pediatric Gastroenterology and Nutrition at Cincinnati Children's Hospital Medical Center and the University of Cincinnati. He has been a faculty member at University of Colorado since 1983. As a physician scientist, he is involved in patient care, basic, clinical and translational research and education of fellows, residents and students. Since 2008, he has directed the Colorado Clinical and Translational Sciences Institute.

His research focuses on chronic cholestatic, genetic/metabolic and mitochondrial liver diseases of infancy and childhood, and mechanisms of hepatocyte injury and cell death. He has received uninterrupted NIH funding since 1987 and is currently supported by U01, T32, UL1, KL2 and TL1 grants. His recent laboratory research investigates the role of plant sterols and Toll Like Receptor and FXR/LXR signaling in the pathogenesis of parenteral nutrition-associated cholestasis, the immune pathogenesis of biliary atresia, and the role of the gut microbiome in cholestasis. Sokol was also among the first to demonstrate the important role of vitamin E metabolism in cholestatic liver disease and the clinical effects of human vitamin E deficiency.

Sokol is the Chair of the Steering Committee of the NIDDK-funded Childhood Liver Disease Research and Education Network (ChILDREN), which investigates the genetics, causes, course, and outcomes of eight rare childhood cholestatic liver diseases and conducts clinical trials. He has been instrumental in the creation of collaborative clinical and translational research networks in a variety of childhood liver diseases and is a strong advocate for involvement of patient support groups in research development. He has authored over 350 peer-reviewed papers, book chapters, review articles and books and is co-editor of the leading pediatric liver disease text, *Liver Disease in Children*.