

Uremic Toxins In Feline CKD: Why Should We Care?

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Uremic toxins are substances that build up in the body due to decreased GFR. Of particular interest are uremic toxics that are produced in the colon due to protein fermentation (e.g. indoxyl sulfate). The formation of uremic toxins, their many possible deleterious effects, as well as possible treatment strategies will be discussed.

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Dr. Quimby received her veterinary degree from the University of Wisconsin-Madison and completed a small animal rotating internship in Sacramento, CA. She subsequently spent two years in feline practice in Grand Rapids, Michigan before moving on to Colorado State University for a combined small animal internal medicine residency and PhD program. She completed a PhD focusing on feline CKD in 2012 and was faculty at Colorado State until 2017. Dr. Quimby is now a faculty member at the Ohio State University. Her research continues to focus on chronic kidney disease in cats. Current research areas include the study of renal aging, telomere length and cellular senescence, novel treatment strategies and evidence-based supportive care strategies. She has an interest in clinical trials and feline clinical pharmacology which is aimed at improving supportive care and quality of life in cats with chronic kidney disease. Dr. Quimby has received the International Renal Interest Society (IRIS) Award and the AVMF/Winn Feline Foundation Research Award for her contributions to nephrology and feline medicine. In 2021 she was selected to serve on the IRIS board.