

Stanford

Derek Holman

Instructor, Medicine - Gastroenterology & Hepatology

Bio

ACADEMIC APPOINTMENTS

- Instructor, Medicine - Gastroenterology & Hepatology

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

I am currently applying bioinformatic transcriptomic analysis and fourier-transform infrared spectromicroscopy to better understand the consequences of redox stress in cells derived from control patients, and patients with inherited mitochondrial dysfunctions.

Publications

PUBLICATIONS

- **Highlighting the Undetectable - Fluorescence Molecular Imaging in Gastrointestinal Endoscopy.** *Molecular imaging and biology*
Stibbe, J. A., Hoogland, P., Achterberg, F. B., Holman, D. R., Sojwal, R. S., Burggraaf, J., Vahrmeijer, A. L., Nagengast, W. B., Rogalla, S.
2022
- **Antimicrobial peptides and the gut microbiome in inflammatory bowel disease.** *World journal of gastroenterology*
Gubatan, J., Holman, D. R., Puntasecca, C. J., Polevoi, D., Rubin, S. J., Rogalla, S.
2021; 27 (43): 7402-7422
- **Antimicrobial peptides and the gut microbiome in inflammatory bowel disease** *WORLD JOURNAL OF GASTROENTEROLOGY*
Gubatan, J., Holman, D. R., Puntasecca, C. J., Polevoi, D., Rubin, S. S., Rogalla, S.
2021; 27 (43): 7402-7422
- **Preparation of Tc99m-Labeled *Pseudomonas* Bacteriophage without Adversely Impacting Infectivity or Biodistribution** *BIOCONJUGATE CHEMISTRY*
Holman, D., Lungren, M. P., Hardy, J., Contag, C., Blankenberg, F.
2017; 28 (11): 2698–2706