

# CPIC member call

August 1, 2024



Melissa Bourque, PharmD, BCPS, BCOP

Program Manager Clinical Pharmacy Specialist

Dr. Bourque earned her Bachelor of Science degree in Biomedical Science from Southeast Missouri State University in Cape Girardeau, MO and her Doctor of Pharmacy degree from Union University College of Pharmacy in Jackson, TN. She completed an ASHP-accredited PGY1 residency at Mercy Hospital St. Louis/St. Louis College of Pharmacy and PGY2 residency in Oncology at St. Jude Children's Research Hospital. For nearly 10 years, Dr. Bourque practiced as a clinical pharmacy specialist at St. Jude Children's Research Hospital specializing in solid tumors and brain tumors. She is also dual board-certified in Pharmacotherapy and Oncology Specialties.



Bailey Tibben, Ph.D.

Lead Researcher

Dr. Tibben received her B.S. from the University of Arizona and her doctorate from Van Andel Institute in Grand Rapids, MI, both in Molecular and Cellular Biology. Dr. Tibben completed postdoctoral research training in the lab of Daniel Savic at St Jude Children's Research Hospital before joining the CPIC team in summer 2024.



Melissa Cordeiro, MA  
CPIC Program Specialist

Melissa's diverse background and expertise span both the nonprofit sector and the biotechnology industry. She holds a a Master's Degree in Molecular, Cellular, and Developmental Biology from the University of Colorado, Boulder. With many years in the biotechnology field, she has honed her skills in laboratory research and technical writing, specializing in reports and documents essential for regulatory and grant submissions.

# CPIC guidelines

Beta-blocker guideline-published

CYP2B6/methadone guideline-published

CYP3A5/Tacrolimus – In evidence review

CYP2D6/Antipsychotics – In evidence review; the authors are discussing adding more genes

NAT2/Hydralazine – In evidence review

UGT1A1/irinotecan- On hold because of re-prioritization

DPYD/fluoropyrimidines- Evidence review underway

TPMT-NUDT15/thiopurines update-In evidence review

CYP2D6/ondansetron-recruiting authors now

# CPIC allele function expert panels

NAT2
CYP3A-CYP3A5 done but waiting to do CYP3A4
NUDT15/TPMT
DPYD



Pharmacogenomics  
GLOBAL RESEARCH NETWORK

**PGRN 2024 Scientific Meeting**

September 23rd-25th 2024

The Ohio State University, Columbus, Ohio

