

Alexa J Basilio, PharmD, BCOP

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Education and Experience

Senior Oncology Clinical Pharmacy Specialist Mar 2024- Present
McKesson, The US Oncology Network
Tampa, FL

Medical Freelance Writer Dec 2021- Present
Annenberg Center for Health Sciences at Eisenhower

Oncology Clinical Pharmacy Specialist Jul 2023- Feb 2024
Tampa General Hospital Cancer Institute
Tampa, FL

Oncology Clinical Pharmacy Specialist Jul 2020- Jun 2023
Emory Healthcare, Winship Cancer Institute
Atlanta, GA

ASHP-Accredited PGY2 Hematology/Oncology Pharmacy Residency Jul 2019- Jun 2020
Moffitt Cancer Center
Tampa, FL

ASHP-Accredited PGY1 Pharmacy Practice Residency Jun 2018- Jun 2019
Sarasota Memorial Hospital
Sarasota, FL

Doctor of Pharmacy Aug 2014- May 2018
Summa Cum Laude
University of Florida College of Pharmacy
St. Petersburg, FL

Bachelor of Science in Biomedical Sciences Aug 2010- May 2014
Minor: Public Health
Magna Cum Laude
University of South Florida
Tampa, FL

Publications

Gundersen P, **Basilio A**, Draper A, Watson M, Tiao E, Abousaud M, Goyal M, Gbolahan O. Evaluation of bleeding risk with apixaban versus rivaroxaban in patients with gastrointestinal cancer. *J Hematol Oncol Pharm*. 2025;15(5):1-7.

Kendzierski D, **Basilio A**, Roman A, Cantley M, Keisler M, Hough S. Remote clinical pharmacist impact on reducing total cost of care in enhancing oncology model-enrolled oncology practices. *JCO Oncology Practices*. 2025. doi: 10.1200/OP-25-00333

Cruz A, **Basilio A**, Lawson D. Metastatic melanoma treatment with pembrolizumab after hypersensitivity reaction to nivolumab: A Case Report. *Case Reports in Oncology*. 2023; 16(1):1232-36. doi: 10.1159/00053402

Basilio A, Shah A, Bottiglieri S, Sommerer K, Chehab S, Imanirad I. Impact of empirically eliminating 5-fluorouracil (5-FU) bolus and leucovorin (LV) in patients with metastatic colorectal cancer (mCRC) receiving first-line treatment with mFOLFOX6. *British Journal of Cancer Research*. 2021;4:1.

Research

Emory Winship Cancer Institute, Department of Medical Oncology 2022- 2023

Atlanta, GA

Gundersen, P., **Basilio A.**, Draper, A., Tiao, E., Abousaud, M., Diab, M.

Research Topic: Evaluation of bleeding risk between apixaban and rivaroxaban in patients with gastrointestinal cancer

Emory Winship Cancer Institute, Department of Medical Oncology 2022- 2023

Atlanta, GA

Patel M., **Basilio A.**, Watson, M., Caufield, S.

Research Topic: Characterizing Treatment Outcomes in melanoma patients who experience hypophysitis when treated with immunotherapy

- Evaluation of efficacy, occurrence, outcomes

Emory Winship Cancer Institute, Department of Hematology and Medical Oncology 2021- 2022

Atlanta, GA

Patel M., Li B., **Basilio A.**, Abousaud M., Abousaud A.

Research Topic: Rasburicase Use

- Evaluation of prescribing practices, efficacy, and a pharmacoeconomic analysis

Moffitt Cancer Center, Department of Hematology 2019- 2020

Tampa, FL

Basilio, A., Simonsen K., Caddell R., Pinilla J.

Research Topic: Rasburicase Administration

- Evaluation of prescribing practices, efficacy, and a pharmacoeconomic analysis

Sarasota Memorial Hospital, Critical Care Department 2018- 2019

Sarasota, FL

Basilio, A., Vilella A., Gazzia L., McMahan A.

Research Topic: Dexmedetomidine infusions

- Transitioned to enteral clonidine tapers in select patients

Morton Plant Hospital, Cardiothoracic Department 2017

Clearwater, FL

Basilio, A and Ruble M.

Research Topic: Post-operative pain management

- Pain management after trans-aortic valve replacements
- Length of stay inpatient

Tampa, FL

Basilio, A., Webb A., Dervay K., Tse, A.

Research Topic: Admission Medication History

- Establish criteria to optimize medication histories on patient admission

Posters and Abstracts

Hall K, Caulfield S, Beardslee T, Frinzi K, Davis C, Draper A, Watson M, **Basilio A**, Griffin B. PowerPlan Development for the Treatment of Immune-Mediated Adverse Events of Cancer Patients at an NCI-Designated Comprehensive Cancer Center: a Quality Improvement Initiative. Emory Quality Conference 2021, Atlanta, GA.

Basilio A, Draper A, Watson M, Kramer J, Diab M, Perrin A. Uridine triacetate (Vistogard) PowerPlan Development for the Treatment of Fluoropyrimidine Toxicity in Cancer Patients at an NCI-Designated Comprehensive Cancer Center: Quality Improvement Initiative. Emory Quality Conference 2021, Atlanta, GA.

Basilio A, Shah A, Bottiglieri S, Sommerer K, Chehab S, Imanirad I. Impact of Empirically Eliminating 5-Fluorouracil (5-FU) Bolus and Leucovorin (LV) in Patients with Metastatic Colorectal Cancer (mCRC) Receiving First-Line Treatment with mFOLFOX6 [abstract]. ASCO Annual Meeting; Chicago, FL: ASCO; 2020. Abstract 4022.

Basilio A, Simonsden K, Caddell R, Pinilla J. Evaluation of Prescribing Practices, Efficacy, and a Pharmacoeconomic Analysis of Rasburicase Administration at Moffitt Cancer Center. HOPA Annual Conference 2020, Tampa, FL.

Basilio A, Vilella A, Gazzia L, McMahan A. Impact of Enteral Clonidine on the Duration of Dexmedetomidine Infusions in Intensive Care Unit Patients. Sarasota Memorial Hospital Research Symposium 2019, Sarasota, FL.

Basilio A, Vilella A, Gazzia L, McMahan A. Impact of Enteral Clonidine on the Duration of Dexmedetomidine Infusions in Intensive Care Unit Patients. ASHP Midyear Clinical Meeting 2018, Anaheim, CA.

Webb A, **Basilio A**, Dervay K, Tse, A. Evaluation of an Emergency Department Admission Medication History Pilot Using Pharmacy Extenders. ASHP Midyear Clinical Meeting 2016, Las Vegas, NV.

Presentations

“New Thoughts on Preventing Clots: Role of Direct Oral Anticoagulants in the Treatment of Cancer-Associated Thrombosis” Continuing Education presentation to members of Georgia Society of Health-System Pharmacists, Atlanta, GA Jul 2021.

“Back to the Basics: Oncology Pharmacotherapy Overview” Continuing Education presentation to attendees at the 12th Annual Winship Oncology Nursing Symposium Conference, Atlanta, GA Jun 2021.

“Back to the Basics: Oncology Pharmacotherapy Overview” Continuing Education Grand Rounds presentation to multidisciplinary teams at Emory University Hospital, Atlanta, GA Feb 2021.

“Impact of Empirically Eliminating 5-Fluorouracil (5-FU) Bolus and Leucovorin (LV) in Patients with Metastatic Colorectal Cancer (mCRC) Receiving First-Line Treatment with mFOLFOX6” Continuing Education Grand Rounds presentation to physicians, pharmacists, pharmacy residents and students at Moffitt Cancer Center, Tampa, FL Jun 2020.

“Esophageal and Gastric Cancer” Continuing Education Oncology Forum presentation to pharmacists, pharmacy residents and students at Moffitt Cancer Center, Tampa, FL Apr 2020.

“Let’s Get This Off Our Chest Part II: Advanced Breast Cancer” Continuing Education Oncology Forum presentation to pharmacists, pharmacy residents and students at Moffitt Cancer Center, Tampa, FL Feb 2020.

“For Acute Lymphoblastic Leukemia Intents and Purposes” Continuing Education Oncology Forum presentation to pharmacists, pharmacy residents and students at Moffitt Cancer Center, Tampa, FL Nov 2019.

“What’s New in GU? Updates in Prostate, Bladder, and Renal Cancer” Continuing Education Grand Rounds presentation to pharmacists, pharmacy residents and students at Moffitt Cancer Center, Tampa, FL Oct 2019.

“Let’s Get This Off Our Chest Part I: Localized Breast Cancer” Continuing Education Oncology Forum presentation to pharmacists, pharmacy residents and students at Moffitt Cancer Center, Tampa, FL Sep 2019.

“Prostate Cancer” Continuing Education Oncology Forum presentation to pharmacists, pharmacy residents and students at Moffitt Cancer Center, Tampa, FL Aug 2019.

“New Thoughts on Preventing Clots” Continuing Education presentation to pharmacists, pharmacy residents and students at Sarasota Memorial Hospital, Sarasota, FL Mar 2019.

“Medication Safety Update: Anticoagulation” presentation to pharmacists, pharmacy residents and technicians at Sarasota Memorial Hospital, Sarasota, FL Feb 2019.

“Chemotherapy Toxicity Assessment” presentation to oncology nurses and oncology pharmacists at Sarasota Memorial Hospital, Sarasota, FL Nov 2018.

“Hormone Replacement Therapy, Am I at Risk for Breast Cancer?” presentation to members of the Sarasota community at Sarasota Memorial Hospital, Sarasota, FL Oct 2018.

“Acute Management of Cytokine Release Syndrome” Continuing Education presentation to pharmacists, pharmacy residents and students at Sarasota Memorial Hospital, Sarasota, FL Oct 2018.

Professional Organization Leadership and Membership

Hematology/Oncology Pharmacy Association (HOPA)

Annual Conference Committee Member

Jul 2022- Jun 2024

Teaching Experiences

Pharmacy Resident and Student Preceptor and Teacher

Jun 2020- Present

Adjunct/Assistant Clinical Instructor

Jun 2019- Present

- Career coach, preceptor and mentor

University of Florida, Gainesville, FL

University of South Florida, Tampa, FL

Mercer University, Atlanta, GA

University of Georgia, Athens, GA

Expert Content Presenter, Colorectal Cancer Mar 2021
Mercer University College of Pharmacy
Atlanta, GA

Expert Content Presenter, Bladder Cancer Sep 2020
University of South Florida College of Pharmacy
Tampa, FL

Honors and Awards

ASCO Conquer Cancer Merit Award Apr 2020
University of Florida College of Pharmacy Dean's List Aug 2014- May 2018
Pharmacy Intern of the Year, Tampa General Hospital Oct 2017
Kevin M. Flannery Outstanding Pharmacy Award, Tampa General Hospital Nov 2015

Licensure and Certification

Illinois Board of Pharmacy, Pharmacist License: 051.306739 Nov 2024- Present
Board Certified Oncology Pharmacist, License: 5151896 Dec 2020- Present
Georgia Board of Pharmacy, Pharmacist License: RPH 031293 Jun 2019- Present
Florida Board of Pharmacy, Pharmacist License: PS 57898 Jul 2018- Present
Pharmacy Teaching Certificate Jun 2019
University of South Florida College of Pharmacy Certificate Program

EXPERT NOT RETAINED