Name: Lisa H. Butterfield, PhD
Title: Professor of Medicine, Surgery and Immunology
Division: Hematology/Oncology

Primary email: butterfieldl@upmc.edu
Assistant: Nancy Barca
Primary email: barcan@upmc.edu
Phone number: 412-624-0280

Key questions defining research program:
1) How can we best promote anti-tumor immunity in patients with melanoma?
2) How can we best promote anti-tumor immunity in patients with hepatocellular cancer?
3) How does tumor-secreted alpha fetoprotein impact immune responses in hepatocellular cancer patients?
4) What are the biomarkers of an optimal dendritic cell vaccine that promotes effective antitumor immunity?

Key words describing research program:
1) Melanoma
2) Hepatocellular cancer
3) Cancer vaccines
4) Cancer immunotherapy
5) Immunotherapy biomarkers

Titles for shovel-ready research projects:
1) Dendritic cell and adenovirus vaccines for melanoma.
2) Dendritic cell and adenovirus vaccines for hepatocellular carcinoma.
3) Immune skewing by alpha fetoprotein.

Data sources for shovel-ready research projects:
1) UPCI #09-021: Antigen engineered DC vaccine +/- IFNα for melanoma.