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MtM is a consulting LLC specializing in supporting research of individualized therapeutic approaches in the prevention and treatment of many diseases, including cancer. The mission statement of MtM is to facilitate the research needed to expand the use and implementation of precision medicine in order to improve patient outcomes. MtM's research support services include clinical assay development/analysis, clinical trial data analysis and experimental design, precision medicine advisory, and clinical testing and diagnostic support for commercial clients.

Areas of Expertise

- Medical Science Liaison (MSL)
- Immunotherapy/Immunology
- Molecular Profiling and Analysis
- Clinical and Preclinical Oncology
- Precision/Clinical Diagnostics
- Precision Medicine and Novel Treatment Strategies
- Vaccine Development (Preclinical and Clinical Studies)
- Inflammation, Rheumatology (Autoimmune Disease)
- Clinical Trials and IRB-approved Human Subjects Research Studies

Education and Certification

- PhD in Integrated Biomedical Sciences (Focus Area: Biochemical and Molecular Disease Mechanisms)
- Bachelor of Science (Microbiology Major / Biochemistry Minor)
- Clinical Scientist Certification: American Society for Clinical Pathology (ASCP)

Previous Experience

- Senior Research Director for Private Health Management
 - o Oncology, Rheumatology, Infectious Disease, and Disease Prevention
- Immunologist for Battelle Memorial Institute, Biomedical Research Center
 - o Immunology, Infectious Disease, and Oncology
- Clinical Scientist for Laboratory Corporation of America (LabCorp)
 - Clinical Diagnostics in Medical Microbiology and Virology
- The Ohio State University Wexner Medical Center
 - Graduate Studies in Brain Cancer (Glioblastoma Multiforme)
 - o Postdoctoral Training in Rheumatology and Immunology
 - Research Scientist Leading Clinical Studies Investigating Cancer Immunology, Exercise Science, and Rheumatological Disease

Key Opinion Leader and Subject Matter Expert in Precision Medicine

- Authored 50+ Peer-reviewed Research Publications or Conference Abstracts
- On the Editorial Board of Frontiers in Immunology: Cancer Immunity and Immunotherapy and Frontiers in Immunology: Vaccines and Molecular Therapeutics
- Translational Research Discoveries Resulted in a Clinical Trial of an Anti-inflammatory Drug in Breast Cancer and a Novel Diagnostic Imaging Agent for Rheumatoid Arthritis
- Contributing Scientist in the Development of Moderna's COVID-19 Vaccine (Spikevax) and the First Approved Vaccine Against Ebola (Merck's Ervebo)
- Received a Patent for an Anti-Inflammatory Therapy to Treat Autoimmune Disease



