

BayCare Laboratories LLC - Scientific Staff



Maura Pieretti, PhD, HCLD(ABB), Scientific Director

Maura Pieretti, PhD, is the Scientific Director of BayCare Laboratories. Dr. Pieretti's expertise is in Molecular Diagnostics with over 20 years' experience as a Laboratory Director. Dr. Pieretti received her PhD in Perinatology/Genetics at the University of Perugia, Italy. She did her post-doctoral training at Baylor College of Medicine, Houston, Texas, where she worked as part of the Human Genome project. She held academic appointments at the University of Kentucky and the University of South Alabama. Dr. Pieretti has over 30 peer-reviewed publications and several presentations at scientific meetings.



Larry Bischof, MD, PhD, Medical Director

Dr. Bischof completed a combined doctoral training program from Vanderbilt Medical School earning a MD and a PhD in Biochemistry. He then received additional training in biomedical research at the University of California, San Diego. This was followed by residency training in Clinical Pathology and fellowship training in Molecular Genetic Pathology, both at the University of Michigan. His focus during residency and fellowship training included the molecular pathology of hematologic neoplasms, solid tumors and infectious diseases. Dr. Bischof joined the BayCare Health System in July 2011 and serves as both a clinical and molecular pathologist.



Shadi Sepehri, MD, PhD, D(ABMM), FCCM, Technical Director/Manager Microbiology

Dr. Sepehri is a board-certified Clinical Microbiologist with expertise in both conventional and molecular Microbiology. She obtained her MD from Mashad Medical School in Iran followed by a PhD in Medical Microbiology at the University of Manitoba in Canada. She then pursued a fellowship in Clinical Microbiology at the same University, where she gained experience in Clinical Microbiology at academic tertiary hospitals (adults, pediatrics), the provincial public health laboratory and at the National Microbiology Laboratory of Canada. Dr. Sepehri joined BayCare in 2019 and she oversees the Microbiology section across 12 different hospital laboratories as well as the BayCare Regional Microbiology Lab.



Patrick Erdman, D.O., Pathologist

Dr. Erdman attended medical school at the Philadelphia College of Osteopathic Medicine. This was followed by residency training in Clinical Pathology at Penn State Hershey Medical Center, where he served as Chief Resident in his final year. He then went onto a complete a two-year fellowship in Laboratory Medicine at Memorial Sloan Kettering Cancer Center. His focus during fellowship included clinical chemistry, hematology/coagulation, molecular pathology and informatics. Dr. Erdman joined the BayCare Health System in July 2019.

Louise Werner MS, CLS, (H)ASCP is the Technical Manager/Director of Flow Cytometry and Special Chemistry

Louise Werner's expertise is in Hematology, Flow cytometry and Laboratory Quality. Louise did her training in England, U.K. and gained work experience in London and Nottingham hospitals, she also worked for 6 years in the Middle East as a laboratory supervisor. After immigrating to the United States in 1999, she has spent 20 years working in Flow Cytometry at reference laboratories , St Lukes Hospital and MD Anderson cancer center in Houston, Texas.

Judy Shankel, BA, CG(ASCP), MB(ASCP), Supervisor, Cytogenetics and FISH

Bradley P. Schindel, BS, MB(ASCP)^{CM}, Supervisor, Molecular Lab

Karen Moench, BS, Supervisor, Microbiology Lab