OVERVIEW
The Midwest Platelet Conference is a biennial meeting of 100-150 scientists and clinicians from the greater Midwest region of the United States and Canada. The purpose of this meeting is for attendees to share current knowledge about platelet biology, to establish productive scientific collaborations between scientists and clinicians, and to work towards the application of this knowledge to improvements in drug development and patient care. The entire conference is focused on platelet biology and regulation in physiologic and pathophysiologic conditions.

OBJECTIVES
- Describe platelet activation pathways
- Discuss platelet adhesion and aggregation
- Describe the role of platelets in inflammation
- Update new approaches to regulate coagulation and anticoagulation
- Discuss antithrombotics and their mechanism of action in regulating hemostasis and thrombosis
- Update new horizons or approaches in the field of vascular disease, particularly as it pertains to platelets and coagulation

TARGET AUDIENCE
Principal investigators, Hematologists, Cardiologists, Pharmacists, Primary care providers, Ph.D., M.S. and B.S. level scientists.

KEYNOTE SPEAKER
Robert Flaumenhaft, MD, PhD (Harvard Medical School)
Dr. Flaumenhaft received his M.D. and Ph.D. at NYU School of Medicine, completed a fellowship in Hematology/Oncology at Beth Israel Deaconess Medical Center, and received a M.M.Sc. from Harvard Medical School. He was awarded a Howard Hughes Medical Postdoctoral Research Fellowship and studied platelet biology in the Furie Laboratory. Dr. Flaumenhaft is currently an Associate Professor at Harvard Medical School. His laboratory, in the Division of Hemostasis and Thrombosis at Beth Israel Deaconess Medical Center, has helped shape our understanding of the mechanism of platelet degranulation, and novel class of inhibitors targeting platelet G protein-coupled receptors. His work has been funded by institutions including Howard Hughes, Burroughs Welcome Fund, the American Society of Hematology, and the American Heart Association.

CONFERENCE AGENDA

WEDNESDAY, OCTOBER 12
7:00-10:00 pm Faculty dinner- Invitation Only
7:00-8:00 pm Registration, poster set up, breakfast
8:15-9:00 Robert Flaumenhaft, MD, PhD (Harvard Medical School) Keynote Speaker
9:00-10:40 am SESSION I: PLATELET ACTIVATION PATHWAYS
9:00-9:25 Marvin Nieman PhD (Case Western)
9:25-9:40 Matt Durvenay PhD (Vanderbilt University)
9:40-9:50 Coffee break
9:50-10:15 Sidney Whiteheart PhD (University of Kentucky)
10:15-10:40 Timothy Slaker PhD (University of Pennsylvania)
10:40-11:00 Coffee break
11:00-12:30 pm SESSION II: PLATELET ADHESION AND AGGREGATION
11:00-11:25 am Xiaoping Du, PhD (University of Wisconsin-Chicago)
11:25-11:50 Jerry Ware PhD (University of Arkansas for Medical Sciences)
11:50-12:15 pm Heyu Ni, MD, PhD (University of Toronto)
12:15-12:30 Selected from abstracts
12:30-2:00 Poster session (buffet lunch provided concurrently)
2:00-3:30 pm SESSION III: PLATELETS IN INFLAMMATION
2:00-2:25 Uijin Xia, MD, PhD (Oklahoma Medical Research Foundation)
2:25-2:50 Nigel Mackman, MD (UNC Chapel Hill)
2:50-3:15 Wolfgang Bergmeier, PhD (UNC Chapel Hill)
3:15-3:30 Selected from abstracts
3:30-3:45 Coffee break
3:45-5:15 pm SESSION IV: COAGULATION
3:45-4:10 Guy Reed, MD (University of Tennessee Health Science Center)
4:10-4:35 Courtney Griffin, PhD (Oklahoma Medical Research Foundation)
4:35- 5:00 James Morrissey, PhD (University of Illinois)
5:00-5:15 Selected from abstracts
5:30-6:00 Dinner
FRIDAY, OCTOBER 13
7:00-8:00 am Breakfast
8:00-9:55 pm SESSION V: THROMBOSIS AND ANTITHROMBOTICS
8:00-8:25 Olivier Bouraud, PhD (Vanderbilt University)
8:25-8:50 Rami Khouzam, MD (University of Pennsylvania)
8:50-9:15 Susan Smyth, MD, PhD (University of Kentucky)
9:15-9:40 Mehmet Celilregu, MD (Arkansas Heart Hospital)
9:40-9:55 Selected from abstracts
9:55-10:15 Coffee break
10:15-12:10 pm SESSION VI: NEW HORIZONS
10:15-10:40 am X. Long Zheng, MD, PhD (University of Alabama-Birmingham)
10:40-11:05 Karen Stokes, PhD (Louisiana State University)
11:05-11:30 Lucas Elpich, MD (University of Tennessee Health Science Center and Baptist Memorial Hospital)
11:30-11:55 Debra Newman, PhD or Peter Newman, PhD (Blood Center of Wisconsin)
11:55-12:10 pm Selected from abstracts
12:10-12:30 Closing remarks/adjourn