

Actelion Awards Grants to 2012 ENTELLIGENCE™ Young Investigators for Research in Pulmonary Arterial Hypertension (PAH) San Francisco, California – May 21, 2012:

Actelion Pharmaceuticals US, Inc. and the ENTELLIGENCE Steering Committee recognized four young researchers and their mentors for their efforts in advancing research in PAH. Each researcher will receive a 12-month mentored grant of up to \$100,000 in support, funded through the Actelion-supported ENTELLIGENCE program. The announcement was made at an awards reception, during which the recipients of the 2012 awards gave an overview of their proposed work.

“I am extremely proud of the accomplishments of the ENTELLIGENCE Young Investigators program. Award recipients, together with their mentors, today presented their scientific proposals while being recognized for their promising research at the 6th annual Entelligence Awards Reception in San Francisco,” said Dr. Ronald J. Oudiz, ENTELLIGENCE Steering Committee Chairman and Professor of Medicine and Director of the Pulmonary Hypertension Clinic at the Los Angeles Biomedical Research Institute at Harbor-UCLA Medical Center. “For the past 6 years, Entelligence, supported by Actelion Pharmaceuticals, has funded innovative basic, translational, and clinical research that has fostered the development of more than 35 young investigators’ careers in pulmonary vascular research. During this time, the awardees’ research findings have been published in peer-reviewed journals and we have even seen some previous awardees return later to act as mentors for new young investigators. We have thus achieved an important ENTELLIGENCE milestone and very much look forward to next year’s program,” Oudiz said.

Attendees of the Awards Reception included Rino Aldrighetti, President of the Pulmonary Hypertension Association, and Martine Clozel, Senior Vice President and Head of Drug Discovery at Actelion who with her husband, Jean-Paul Clozel, had the vision more than 20 years ago that endothelin antagonism would be an effective therapeutic modality in pulmonary arterial hypertension.

The 2012 award winners, their mentors, and the supported projects are:

Eileen Bauer, PhD

Postdoctoral Fellow, Department of Surgery
University of Pittsburgh School of Medicine
Pittsburgh, Pennsylvania

Project: *Complement Activation as a Novel Mechanism of Endothelial Activation in PH*

Co-Investigator: Stephen Tomlinson, PhD

Medical University of South Carolina

Mentors: Philip M. Bauer, PhD, and Timothy R. Billiar, MD

University of Pittsburgh

Joshua P. Fessel, MD, PhD

Clinical Fellow in Pulmonary and Critical Care Medicine

Vanderbilt University Medical Center

Nashville, Tennessee

Project: *The Role of Sirtuins and Lysine Acetylation in Pulmonary Arterial Hypertension*

Mentor: James D. West, PhD

Vanderbilt University

Kenny Schlosser, PhD

Postdoctoral Fellow, Regenerative Medicine

Ottawa Hospital Research Institute

University of Ottawa

Ottawa, Ontario, Canada

Project: *Role of Extracellular Circulating MicroRNAs in Idiopathic Pulmonary Arterial Hypertension*

Mentor: Duncan J. Stewart, MD

Ottawa Hospital Research Institute

Kelly J. Shields, PhD

Allegheny Singer Research Institute

West Penn Allegheny Health System

Assistant Professor of Medicine

Temple University School of Medicine

Pittsburgh, Pennsylvania

Project: *The Role of Perivascular Adipose Tissue in Pulmonary Arterial Hypertension*

Co-Investigator: Joseph M. Ahearn, MD

Mentor: Raymond L. Benza, MD

Allegheny Singer Research Institute

About ENTELLIGENCE

The ENTELLIGENCE program was established by Actelion in 2005 to support basic science, translational and/or clinical research related to PAH. The program, part of Actelion's on-going commitment to endothelin research, provides funding to an independent steering committee to advance the understanding of PAH and, ultimately, improve treatment of this progressive and fatal disease through research grants to young investigators.

The ENTELLIGENCE program provides opportunities for individual young investigators to promote quality medical care and enhance patients' lives by supporting research in the area of PAH related to expanding our knowledge of the pathways involved in pulmonary vascular pathobiology.

The next ENTELLIGENCE grant award cycle begins on June 26, 2012. For more information regarding the Young Investigators Award Program, please visit www.ENTELLIGENCEMD.org.

For further information, please contact: Medtelligence, LLC (jfreeman@medtelligence.net).



From left to right: Kelly J. Shields, PhD, Eileen Bauer, PhD, Ronald J. Oudiz, MD, Joshua P. Fessel, MD, PhD, and Kenny Schlosser, PhD



From left to right: Ivan M. Robbins, MD, Evangelos D. Michelakis, MD, Harold I. Palevsky, MD, Kelly J. Shields, PhD, Joshua P. Fessel, MD, PhD, Ronald J. Oudiz, MD, Harrison (Hap) Farber, MD, Mardi Gomberg-Maitland, MD, Eileen Bauer, PhD, Kenny Schlosser, PhD, and Adaani E. Frost, MD