The Sixth Annual
Watanabe Symposium in Chemical Biology

Saturday, October 10, 2015
C122 Chemistry

7:30 – 8:15 am  Coffee & Breakfast Refreshments with Pastries, Fruits and Yogurt

8:15 – 8:30 am  Welcome: David Giedroc

8:30 – 9:15 am  Marvin H. Caruthers, Distinguished Professor, University of Colorado, Boulder
“Oligonucleotide Synthesis Interfaced with Molecular Biology and Nanotechnology”
Introduction: John Mayer

9:15 – 10:00 am  James R. Williamson, Professor, The Scripps Research Institute
“Dynamics of Ribosome Assembly in Bacteria”
Introduction: David Giedroc

10:00 – 10:30 am  Megan Thielges, Assistant Professor, Indiana University Bloomington
“Dynamics of Protein Molecular Recognition”
Introduction: Stephen Jacobson

10:30 – 11:00 am  Trevor Douglas, Professor, Indiana University Bloomington
“Redesigning Virus Particles”
Introduction: Bogdan Dragnea

11:00 – 1:00 pm  Poster Session & Lunch
Neal Marshall Black Cultural Center

1:00 – 1:45 pm  Samuel H. Gellman, Professor, University of Wisconsin-Madison
“Mimicry of Protein Surfaces with Alpha/Beta-peptide Foldamers”
Introduction: Martha Oakley

1:45 – 2:30 pm  Zhong-Yin Zhang, Professor, Indiana University School of Medicine
“Drugging the Undruggable: Therapeutic Potential of Targeting Protein Tyrosine Phosphatases”
Introduction: Nikki Pohl

2:30 – 3:15 pm  Chad M. Rienstra, Professor, University of Illinois, Urbana-Champaign
“Insights from Solid-State NMR into Parkinson’s Disease, Antifungal Drug Mechanisms and Blood Coagulation”
Introduction: Susanne Ressl

3:15 pm  Closing Remarks: Richard DiMarchi