THE UNIVERSITY OF WESTERN AUSTRALIA

Centre for Cell Therapy and Regenerative Medicine (CCTRM)

School of Biomedical Sciences,
Faculty of Health and Medical Sciences

CCTRM SEMINAR SERIES 2018

Showcasing advances in cell therapy and regenerative medicine

Friday 2nd February 2018, 3pm

G24, Harry Perkins Institute of Medical Research
QEII Medical Centre

"Integrin subtypes and nanoscale dimensionality influence chemoresistance in breast cancer cell"

Dr. Jennifer Young

Max Planck Institute for Medical Research

Jennifer Young is a Max Planck Society Postdoctoral Fellow at the Max Planck Institute for Medical Research in Stuttgart, Germany where she is working in the Department of Cellular Biophysics of Prof. Dr. Joachim Spatz. She received her Ph.D. in Bioengineering at the University of California, San Diego in the group of Dr. Adam Engler where she studied the role of matrix mechanics in cardiac development and differentiation. Her current research focus is on the influence of the extracellular matrix in regulating chemoresistance.

"Tight squeeze: how cancer cells navigate confined ECM during invasion and metastasis"

Dr. Andrew Holle

Max Planck Institute for Medical Research

Andrew W. Holle is an MPS Postdoctoral Fellow (2014) and AACR Basic Research Fellow (2016) at the Max Planck Institute for Medical Research in Stuttgart, Germany, training under Prof. Dr. Joachim Spatz and Prof. Dr. Ralf Kemkemer. After receiving his B.S.E. in Bioengineering at Arizona State University (2008), Dr. Holle received his Ph.D. in Bioengineering (2013) with Dr. Adam Engler at the University of California, San Diego, where he studied the role of focal adhesion proteins in mechanosensitive stem cell differentiation. His current research focuses on the use of synthetic microchannels to determine the role of the cytoskeleton in ECM-dependent cancer cell migration and invasion.

Program Committee: A/Prof. Rodney Dilley, A/Prof. Fred Chen, Prof. Deirdre Coombe.
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