Angioma Alliance 5th Annual Pathobiology of CCM Scientific Workshop
Hilton Santa Fe Historic Plaza, Santa Fe NM; November 12th & 13th, 2009

WEDNESDAY, NOVEMBER 11TH

7:00 PM  DINNER (located within walking distance of the hotel)

The Shed
113 ½ E. Place St
Santa Fe, NM

THURSDAY, NOVEMBER 12TH: MESA C

8:00 AM  Registration and Continental Breakfast

8:30 AM  WELCOME AND WORKSHOP OBJECTIVES
        Connie Lee  Angioma Alliance
        Issam Awad  NorthShore University HealthSystem

SESSION I: CLINICAL AND LESION STUDIES
Moderator: Issam Awad

8:45 AM  CCM of the Brain and Spinal Cord: Pediatric Pathology
        Leslie Morrison  University of New Mexico

9:15 AM  Developing a Reporting Standard for MRI of CCM
        Mike Berg  University of Rochester

9:45 AM  COFFEE BREAK
10:00 AM  B clonal expansion is a prominent characteristic of B cell response in the cerebral cavernous malformation (CCM) lesion
         Changbin Shi  Northshore University Health System

10:30 AM  Further Investigation of the Two-hit Mutation Mechanism of CCM Pathogenesis: Molecular observations from atypical clinical cases
         Doug Marchuk  Duke University Medical Center

11:00 AM  **GENERAL DISCUSSION OF SESSION I**

NOON  **LUNCH located in the Chamisa reception area**

**SESSION II: BASIC SCIENCE-MOLECULAR AND ANIMAL STUDIES**
Moderator: Doug Marchuk

1:00 PM  Novel signaling pathways regulating KRIT1 nucleocytoplasmic shuttling and its role in CCM pathogenesis
         Francesco Retta  University of Torino Italy

1:30 PM  Physical Interaction of KRIT-1 and CCM2 Regulates Vascular Barrier Function by Inhibiting Rho-Kinase
         Rebecca Stockton  University of California San Diego

2:00 PM  **COFFEE BREAK**

2:15 PM  Assembly and function of STIPAK, a large signaling complex linked to cerebral cavernous malformations
         Michelle Kean  Mount Sinai Hospital

2:45 PM  Genetic analysis of the CCM regulatory network in C. elegans
         Brent Derry  The Hospital for Sick Children, University of Toronto

3:15 PM  Examination of CCM3 function in the zebrafish embryo reveals distinct function from CCM1/2
         Ian Scott  The Hospital for Sick Children, University of Toronto

3:45 PM  **GENERAL DISCUSSION OF SESSION II**

4:30 PM  **End of Day 1**
6:30 PM  *DINNER (located within walking distance of the hotel)*

**Blue Corn Café**
133 W Water St
Santa Fe, NM

**FRIDAY, NOVEMBER 13TH: MESA C**

8:00 AM  Continental Breakfast

**SESSION III: CLINICAL STUDIES AND HUMAN GENETICS**
Moderator: Leslie Morrison

8:15 AM  *Update on Angioma Alliance DNA/Tissue banks and NIH funding initiatives*
Amy Akers  Angioma Alliance

8:30 AM  *Summary of CCM Clinical DNA Testing Results*
James Weber  PreventionGenetics

9:00 AM  *Improving Magnetic Resonance Imaging of CCMs in Men and Mice*
Issam Awad  NorthShore University HealthSystem

9:30 AM  **COFFEE BREAK**

9:45 AM  *Rationale for Statin Use in CCM*
Kevin Whitehead  University of Utah School of Medicine

10:15 AM  **GENERAL DISCUSSION OF SESSION III**

10:45 AM  Closing Remarks
Doug Marchuk  Duke University Medical Center

11:00 AM  **GENERAL DISCUSSION OF MEETING AND FUTURE DIRECTIONS**
Lead by Issam Awad and Doug Marchuk

NOON  **End of Meeting: hors d’œuvres available in Mesa C**