

The Twelfth iCeMS SEMINAR

Lecturer: **Prof. Robert G. Parton**

Institute for Molecular Biosciences, University of Queensland, Australia

New insights into the formation and function of caveolae

Date & Time: **December 6, 2008 10:00-11:00**

Venue: **Roof Terrace**

Institute for Frontier Medical Sciences, 5F of the East Building

Using a systematic proteomic analysis, Prof. Parton and his colleagues have identified PTRF-cavin, a family of evolutionary-conserved coat proteins that work together with caveolins to regulate caveola formation (Hill et al. Cell 2008). Based on the extensive research conducted recently, they are now proposing that PTRF-cavin family members regulate association of caveolin with caveolae, and might act as molecular sensors of changes in caveola structure or composition. In this seminar, Prof. Parton will talk about these interesting results and propositions.

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Held by: iCeMS (Institute for Integrated Cell-Material Sciences), Kyoto University

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