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INVITATION

Ozyme et Cell Signaling Technology vous invitent au séminaire
“ **Using proteomics to look at cellular signaling** ”

Le Jeudi 15 Septembre 2016 à 10h00

Institut de Biologie et Chimie des Protéines

Salle de conférence au sous-sol de l'IBCP



Using proteomics to look at cellular signaling

Présenté par le **Dr. Sriram Aravamudhan**, PhD | Field Application Specialist et Cell Signaling Technology (CST)

Cell Signaling Technology (CST) has established PTMScan® as a proprietary proteomic method which employs validated PTM- and motif- specific antibodies developed by CST to enrich PTM containing peptides prior to LC-MS/MS. During this seminar, we will discuss the power of PTMScan® technology to profile and quantify post-translational modifications that provide insight into signaling events in both normal and disease biology, thereby enabling biomarker discovery in single-run analyses. We will begin with the principle and importance of PTMScan® technology and will then discuss the power of antibody-based enrichment in profiling post-translational modifications in cancer serum without immunodepletion, as a case study. We will then talk about the reagents and services offered by Cell Signaling Technology in respect to proteomics and what support our proteomics group provides, to end with some time to answer your questions.



Sriram Aravamudhan received his PhD in proteomics from the Max Planck Institute for Heart and Lung Research in Germany. He gained extensive experience in mass-spectrometry based quantitative proteomics during the course of his PhD. He then moved to Cell Signaling Technology (CST) where he is working as a field application specialist.

Contact Ozyme :

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