



Join us for a Scientist to Scientist Seminar with a Spectral Focus:

Employing panel design and control optimization best practices to analyze and sort elusive cells from high parameter panels

Institution: The Scripps Research Institute
Room: Immunology East Conference Room (IMM 204X)
Address: 10466 North Torrey Pines Road La Jolla, CA 92037
Date: Tuesday, November 7th
Time: 12:00 PM *Lunch will be provided*



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Staff Scientist, R&D,
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Spectral flow cytometry is a novel technology that enables expansion of panels for high dimensional analysis by unmixing the spectral signature of highly overlapping dyes, thus enabling bigger panels and the definition of more rare subpopulations. In this presentation we will highlight practical considerations to aid spectral panel design decisions. Furthermore, we will provide control best practices suggestions that can streamline the workflow for this high-dimensional approach to cell analysis. Using these tools we then investigate several sites of mouse immune function using a 28 color optimized panel. Additionally, we sorted some of these rare subpopulations with high efficiency and purity using the Invitrogen™ Bigfoot™ Spectral Cell Sorter.

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