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ABOUT US

Our mission, vision & core values

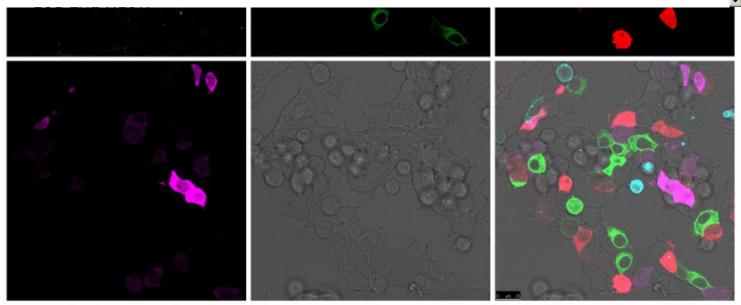
Leadership

History

Equality, diversity & inclusion

Annual report

Give to MSK



Four-color live imaging with fluorescent proteins (mTurquoise, GFP, dTomato, Turbo F635) and brightfield

Courtesy of Jason Lee, Ponomarev Lab

Image Gallery 1/9

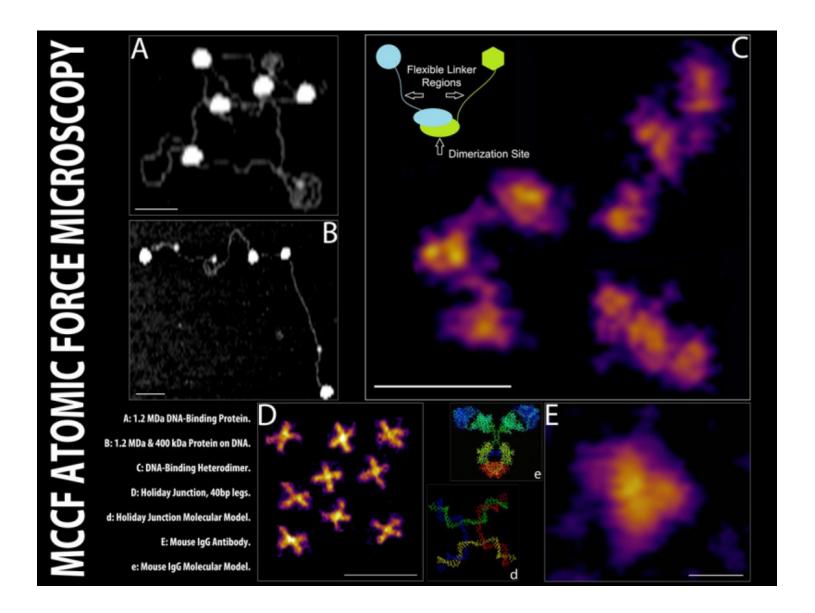


Image Gallery 2/9

Crypt: β-gal A488, lysozyme A568, E-Cad A633

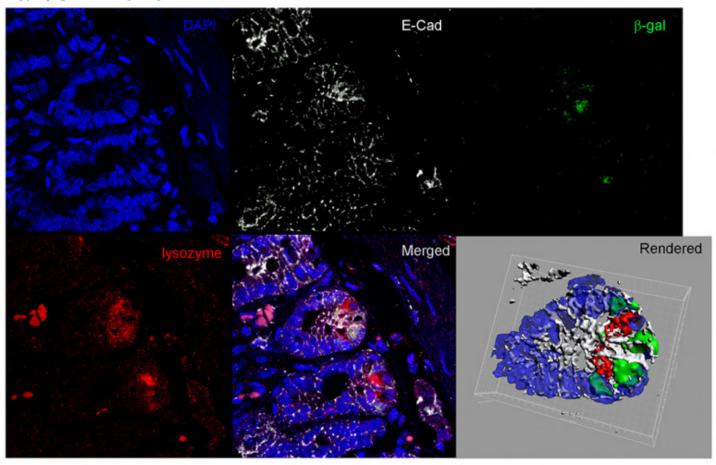
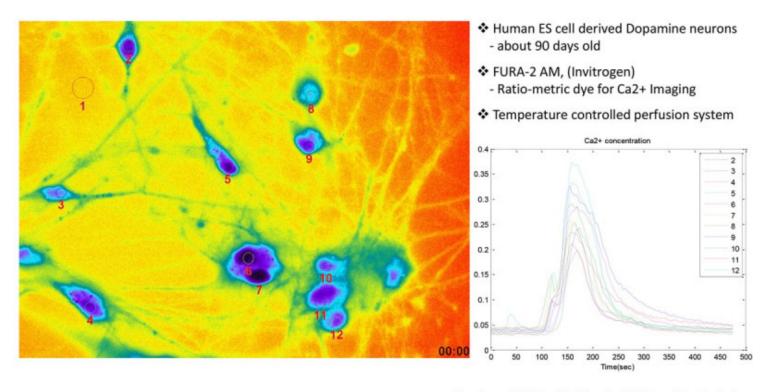
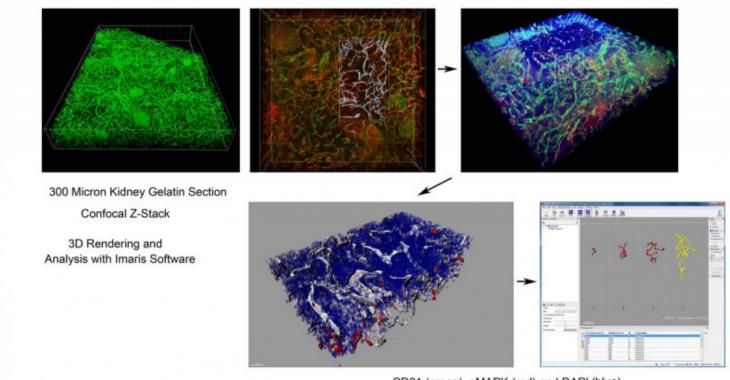


Image Gallery 3/9

Ca²⁺ Imaging



Courtesy of Julius Steinbeck, MD from Studer Lab.



CD31 (green), pMAPK (red) and DAPI (blue)

Image Gallery 4/9

Confocal Multi-color fixed and live imaging with White Light Laser Technology

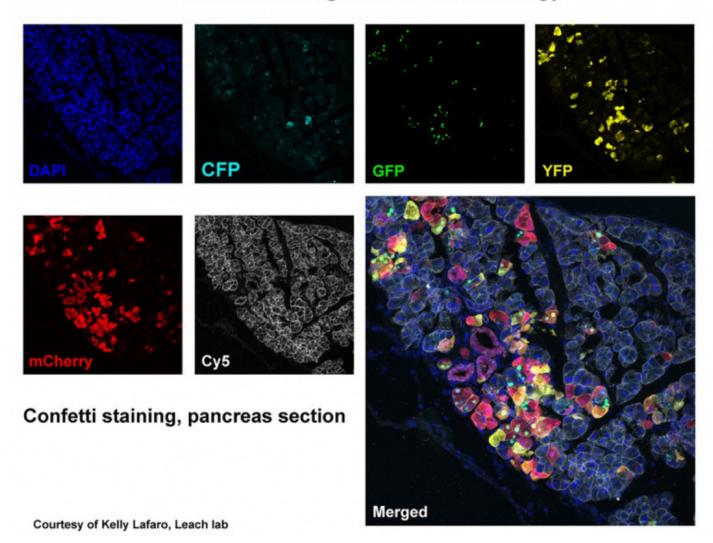
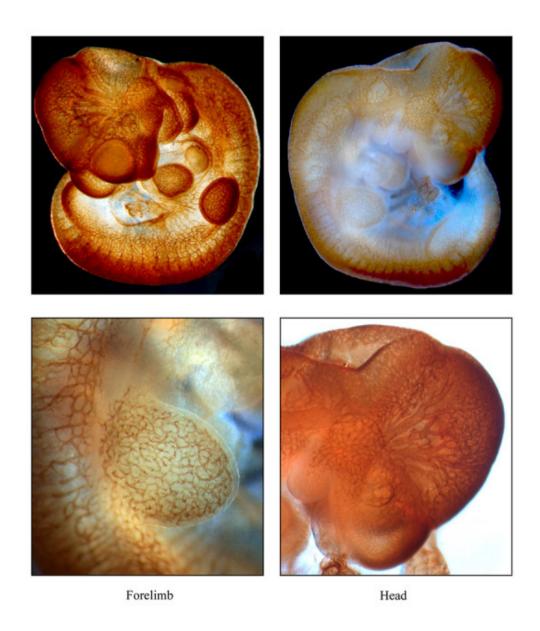


Image Gallery 5/9

Mouse Embryo E13.5, CD31 IHC

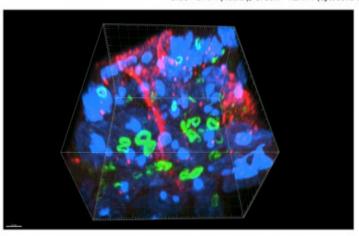


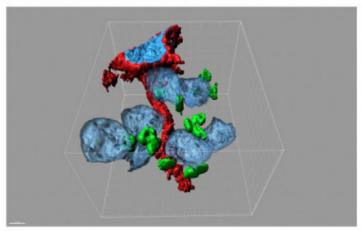
Imaged by Molecular Cytology Core Facility at MSKCC

Image Gallery 6/9

Segmentation and Volumetric Analysis using Imaris Software

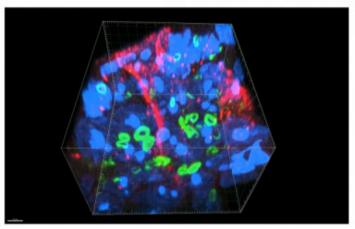
Blue - DAPI (nuclei), Green - TEX14 (cytosolic bridges), Red - Vimentin (Sertoli Cell cytoplasm)

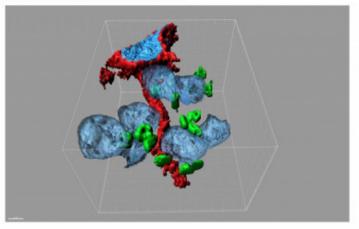




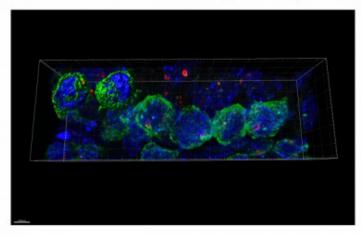
Segmentation and Volumetric Analysis using Imaris Software

Blue - DAPI (nuclei), Green - TEX14 (cytosolic bridges), Red - Vimentin (Sertoli Cell cytoplasm)





Blue - DAPI (nuclei), Red - TEX14 (cytosolic bridges), Green - FAK (Focal Adhesion Kinase), Testis Tissue



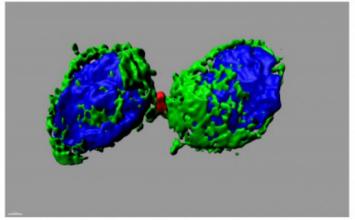
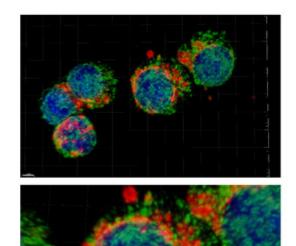
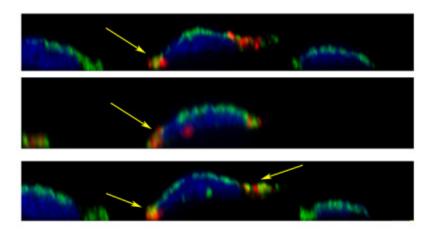


Image Gallery 7/9

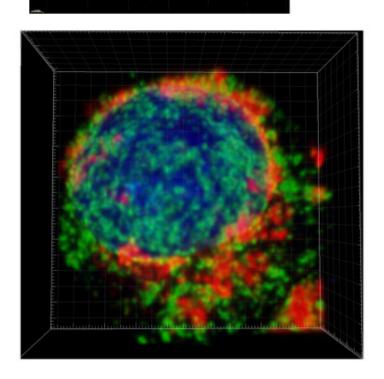
BCL2 (green) and Mitotracker (red) on SUDHL-4 cells

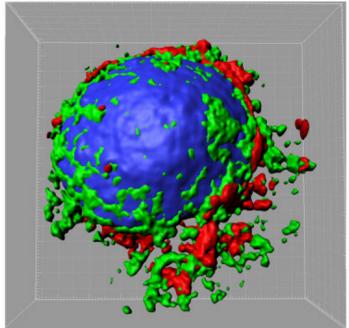


XZ sections, arrows indicating potential interactions



3d rendering and segmentation using Imaris software





PREVIOUS

Projects

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NEXT Imaging and Image Analysis

Image Gallery 8/9

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Image Gallery 9/9