

Dr. Rosenthal studied physics at Cornell University, before earning her PhD in biophysics at Princeton. Her background is in systems biology, genomic medicine, and statistical analysis. As the Associate Director for Research at the UCSD Center for Computational Biology and Bioinformatics (CCBB), she manages numerous cross-disciplinary collaborations with researchers on campus. These projects include integrative and systems analyses of multi-omics datasets in a variety of disease contexts, to uncover new disease-gene associations, identification of potential biomarkers, and discovery of drug targets for novel therapeutic applications.