

Susana Martinez-Conde

Abstract:

The eyes never stop moving. Every day, from the moment you wake up in the morning until you fall asleep at night, you produce some 200,000 saccadic eye movements ('saccade' is French for 'jump'). Such eye motions not only point your gaze towards objects that interest you, but they have a bigger story to tell. In this presentation I will discuss some of the ways in which eye movement characteristics can inform translational research: from developing biomarkers for early and differential diagnoses of neurological disorders to helping radiologists reduce medical error.