



**University of
Zurich** UZH

Department of Economics – Neuroeconomics Seminar

October 11, 2018 - 17:00 - 18:00

Ifat Levy
Yale University

Uncertainty in brain and behavior: implications for aging and psychopathology

Individuals vary substantially in their attitudes towards uncertainty: some embrace it, while others avoid it at all costs; some learn quickly to reduce uncertainty, while others do not. I will describe a series of behavioral and neuroimaging studies, in which we examined decision-making, learning, and passive valuation in uncertain environments. Our behavioral results show age-related changes in specific features of behavior under uncertainty, as well as links between some of these features and pathological behavior. Our neural results reveal potential mechanisms for these individual and age-related differences.