**Intra-Institute Collaboration**

The proposed experiments require collaboration between the labs of Dr. Geoffrey Schoenbaum (NIDA) and Dr. Amy Newman (NIDA). Dr. Geoffrey Schoenbaum will provide funding, space, and all necessary electrophysiological recording equipment and expertise. Dr. Geoffrey Schoenbaum will be the main mentor of Dr. Marios Panayi and will oversee all experiments. Dr. Amy Newman will provide the dopamine D3-receptor antagonist *R*-VK4-40, expertise in drug dose and timing parameters, as well as rats trained to self administer cocaine. Dr. Amy Newman, together with Dr. Geoffrey Schoenbaum, will oversee all experiments.