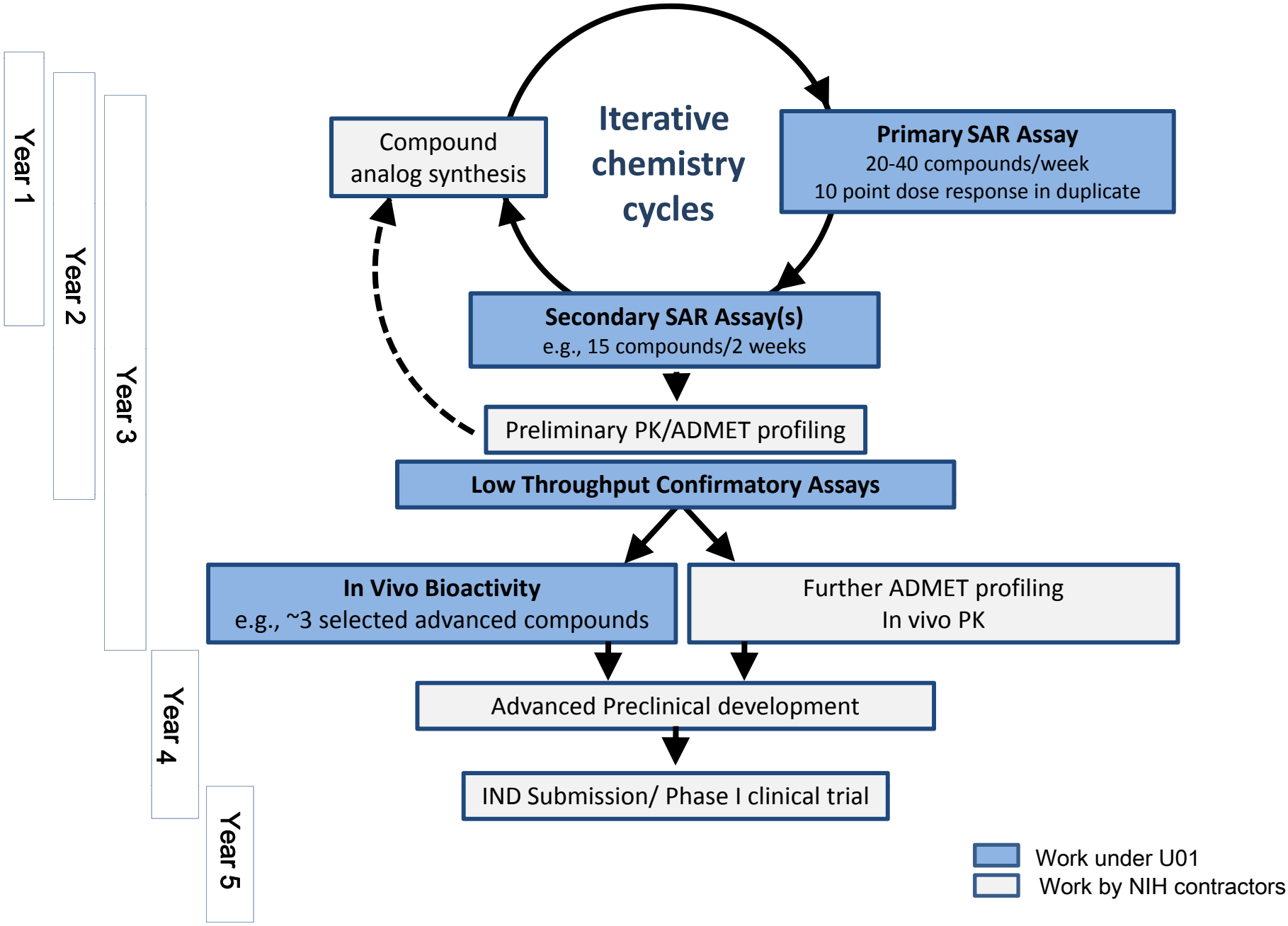Generalized Work Flow Scheme