

	Year 1	Year 2	Year 3	Year 4	Year 5
<b>Aim 1:</b> Aggregate kinome datasets	Build data sets: Tyrosine kinases	Build data sets: Serine/ Threonine kinases	Update data sets on all kinases	Update data sets on all kinases	
<b>Aim 2:</b> Build informatics architecture	First models: Tyrosine kinases	First models: Serine/ Threonine kinases	Assess areas most needed	Revised models: all kinase classes	Final round of active learning
<b>Aim 3:</b> Physical kinome simulations	First models: Tyrosine kinases	First models: Serine/ Threonine kinases	Include next generation MSM techniques	Revised models: all kinase classes	MSMs for final round
<b>Aim 4:</b> Active learning	Develop kinase expression panel	First tests: Tyrosine kinases	First tests: Serine/ Threonine kinases	Second round tests: all kinase classes	Tests for final round
<b>Aim 5:</b> Predict drug treatment outcomes			First predictions: Tyrosine kinases	First predictions: Serine/ Threonine kinases	Tests for final round