

# COHORTS OF MICE NEEDED & MUTATION

Knock-out (Ko)	Knock-in (Ki)	Conditional Knock-out (CKO)	Inducible Knock-down (IKD)
<b>No specific treatment</b>	<b>No specific treatment</b>	<b>Treatment:</b> 50% of mice: Tamoxifen treatment 50% of mice: Vehicle treatment <i>Other controls to be discussed (Cre mice &amp; wt mice)</i>	<b>Treatment:</b> 50% of mice: Doxycycline treatment 50% of mice: Vehicle treatment
9 wt & 9 KO males 9 wt & 9 KO females	9 wt & 9 KI males 9 wt & 9 KI females	18 (CKO/Cre) & 18 (CKO) males 18 (CKO/Cre) & 18 (CKO) females	18 wt & 18 IKD males 18 wt & 18 IKD females
9 wt & 9 KO males 9 wt & 9 KO females	9 wt & 9 KI males 9 wt & 9 KI females	18 (CKO/Cre) & 18 (CKO) males 18 (CKO/Cre) & 18 (CKO) females	18 wt & 18 IKD males 18 wt & 18 IKD females
10-12 wt & 10-12 KO > Only males	10-12 wt & 10-12 KI > Only males	20-24 (CKO/Cre) & 20-24 (CKO) > Only males	20-24 wt & 20-24 IKD > Only males
Metabolism / cardiology exploration	Immunology	Behavior & Cognition	