Statements

All experiments were approved by the Duke University Institutional Animal Care and Use Committee and were designed to minimize suffering and numbers of animals. Experimental cohorts consisted of 8-10 week-old C57BL/6J male, gonad-intact female mice, and OVX mice (Jackson Laboratories, Bar Harbor, ME). OVX surgeries were performed at Jackson Laboratories with injury performed 4 - 6 weeks after ovariectomy. All mice were housed in groups of 5 mice/cage in a 12-hour day/night light cycle for 5-7 days prior to injury. Prior to and immediately after injury, all animals were provided free access to standard laboratory rodent chow and filtered water. All observers were blinded to grouping during injury and throughout all outcomes measurements.