

Glucose intolerant but insulin sensitive rapamycin-treated mice	14 ppm eRapa diet	64
Increases mortality in mouse model of type II diabetes	14 ppm eRapa diet	43
Metabolically distinct phenotypes by rapamycin	14 ppm eRapa diet	65
Modulation of mitochondrial biogenesis and fatty acid oxidation in adipose of <i>db/db</i> mice	14 ppm eRapa diet	66
Improves survival and biomarkers in obese male mice on high-fat diet	1.5 mg kg ⁻¹ BW rapamycin	67
Blocks induction of the thermogenic program in white adipose tissue	2 mg kg ⁻¹ rapamycin 42 ppm eRapa diet	68
<i>Heart and lung</i>		
Attenuates load-induced cardiac hypertrophy in mice	2 mg kg ⁻¹ day ⁻¹ rapamycin	69
Regresses established cardiac hypertrophy in mice	2 mg kg ⁻¹ day ⁻¹ rapamycin	70
Attenuates cardiac enlargement in zebrafish	0.2–0.4 μmol L ⁻¹ rapamycin	71
Rescued cardiac and skeletal function in Lamin A/C deficient mice	8 mg kg ⁻¹ BW	72
Reversed age-related heart dysfunction in late life of mice.	14 ppm eRapa diet	73
Rejuvenation of aging heart in mice	14 ppm eRapa diet	74
Mitochondrial remodeling in old heart	14 or 42 ppm eRapa	75
Remodeling of aged lungs	14 or 42 ppm eRapa	76
Improves cardiac function in type 2 diabetic mice	0.25 mg kg ⁻¹ rapamycin	77
S6K1 inhibition and rapamycin protects against myocardial infarction	0.17 mg kg ⁻¹ rapamycin	78
<i>Other effects (including anti-aging)</i>		
Longevity in genetically heterogeneous mice started in late life	14 ppm eRapa diet	33
Longevity in genetically heterogeneous mice started in mid life	14 ppm eRapa diet	34
Longevity in genetically heterogeneous mice for dose response	4.2–42 ppm eRapa diet	35
Longevity of inbred C23682161 57BL6/J male and female mice	14 ppm eRapa diet	38
Longevity in inbred C23682161 57BL6/J male mice	14 ppm eRapa diet	40
Prevention of age-related macular degeneration in mice	0.1 or 0.5 mg kg ⁻¹ rapamycin	79
Contraindicated in ADPKD ^a and CKD ^b stages 3b–4	3 mg day ⁻¹ sirolimus	80
Immunoproteasome and age effects	14 ppm eRapa diet	81
Prolongs life in immune-deficient mice	14 ppm eRapa diet	82
Cancer protective effects of mTOR inhibition in kidney transplants	Not identified	83
Attenuation of age-associated changes in tibialis anterior tendon	4.2–44 ppm eRapa	84
Resistance to pneumococcal pneumonia in mice	14 ppm eRapa diet	85
Effects on adult neural progenitor cells in mice	75 μg kg ⁻¹ or 2.5 mg kg ⁻¹ BW rapamycin	86
Suppression of age-associated changes in ovarian surface epithelium	14 ppm eRapa diet	87

^aAutosomal dominant polycystic kidney disease.^bChronic kidney disease.