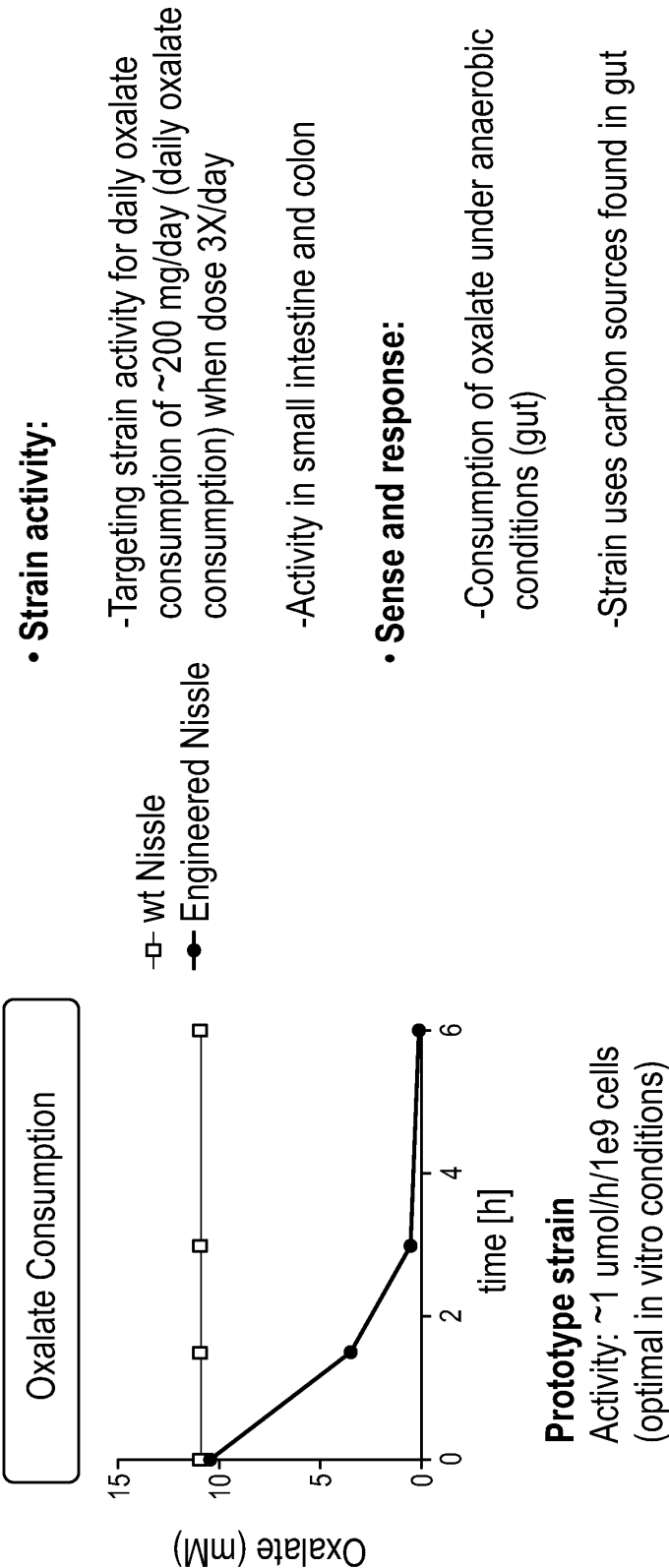


FIG. 1

Oxalate Degradation assay *in Vitro*



Oxalate (mM)

time [h]

FIG. 2A

Acute <sup>13</sup>C-oxalate Urinary Recovery

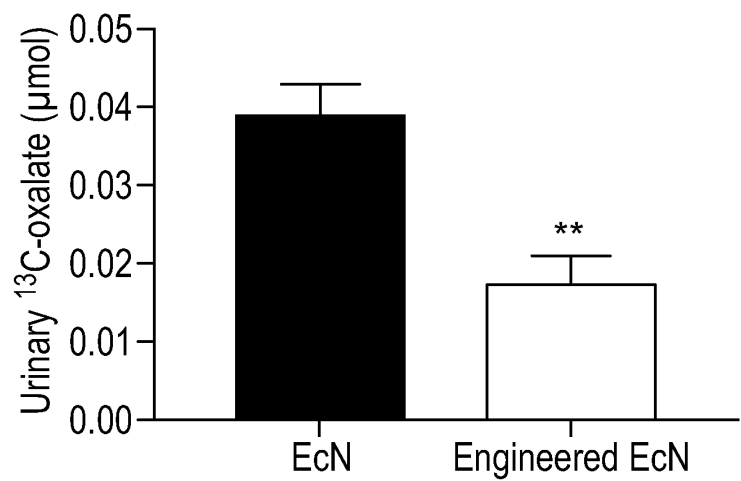


FIG. 2B

Chronic Urinary Oxalate Recovery  
(change from baseline)

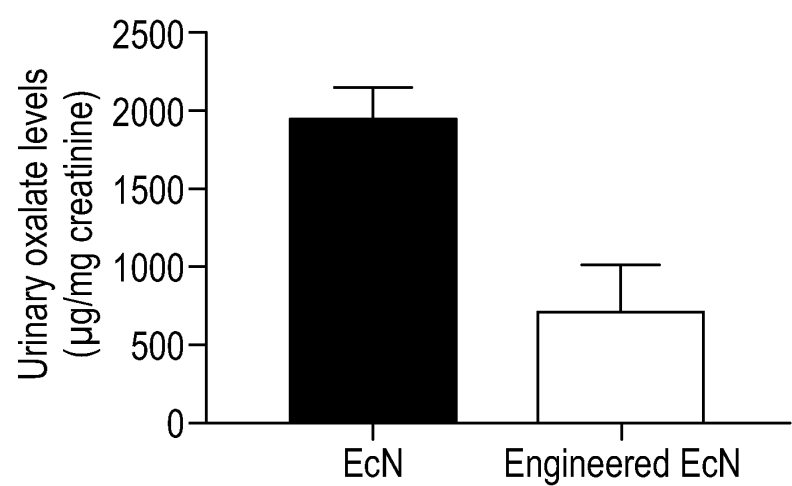


**FIG. 3: Disease Pathogenesis**  
GI Based Therapies - Lowering of Systemic Oxalate

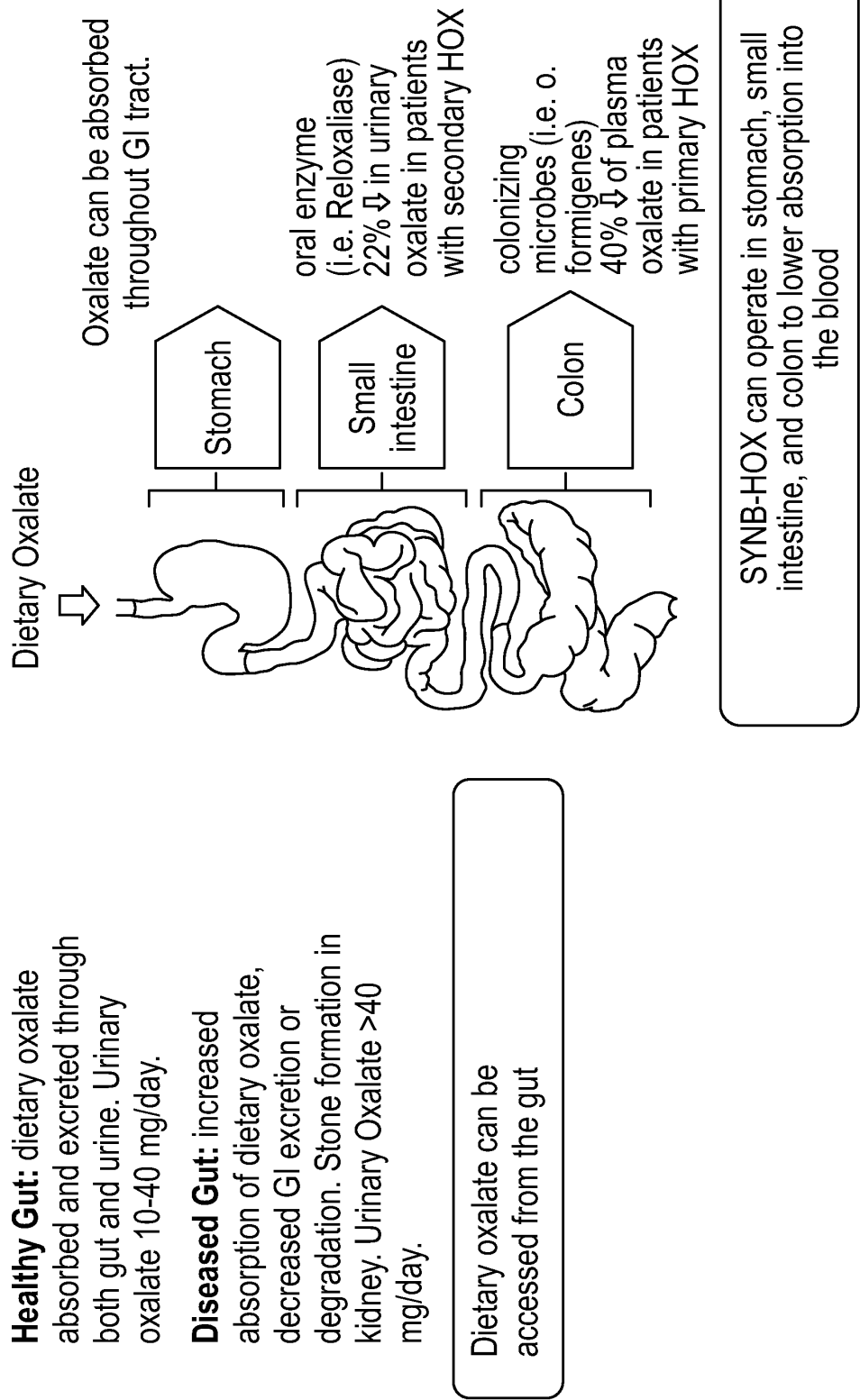


FIG. 4A: SYN8802

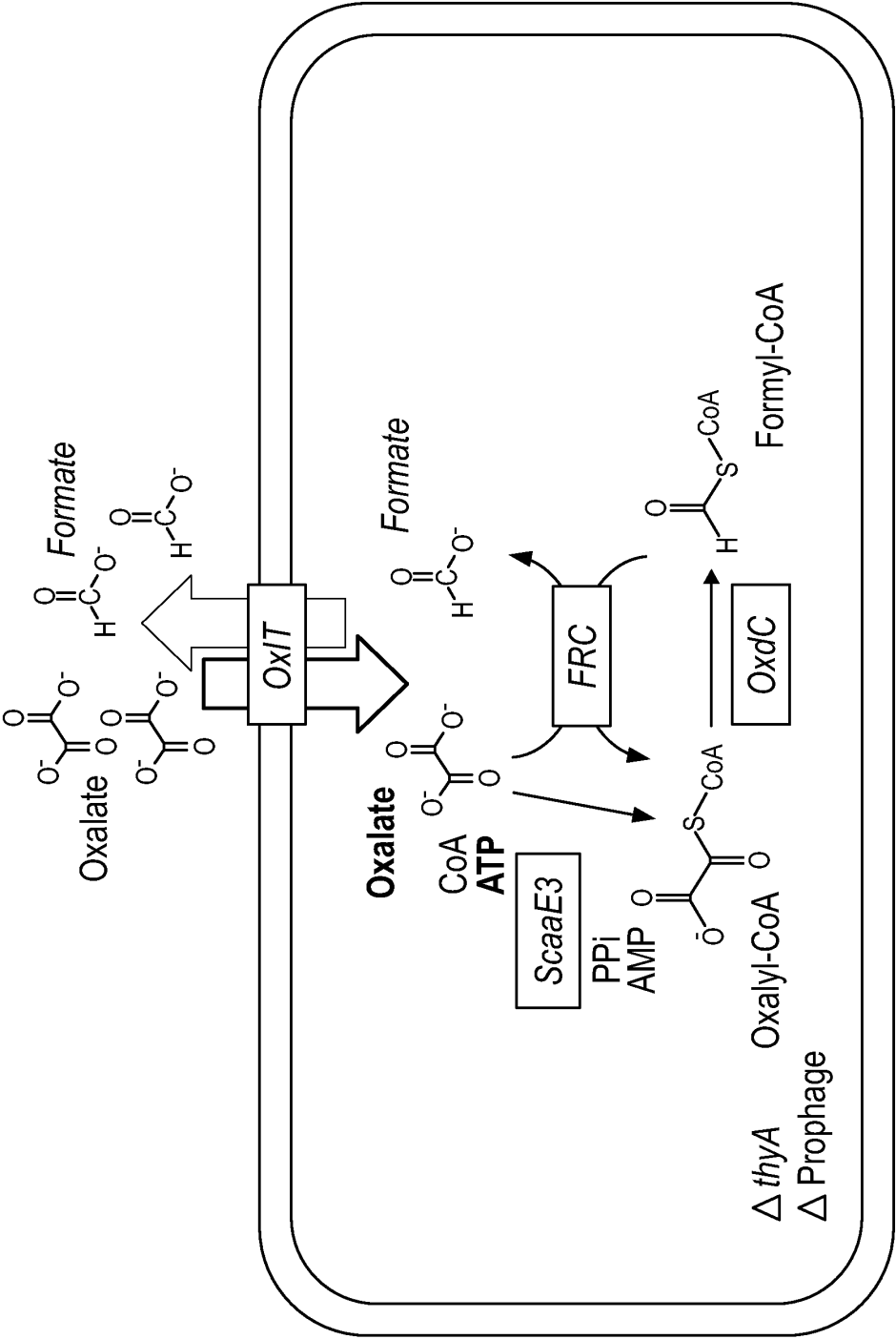


FIG. 4B: *In Vitro* Consumption of Oxalate by SYN8802

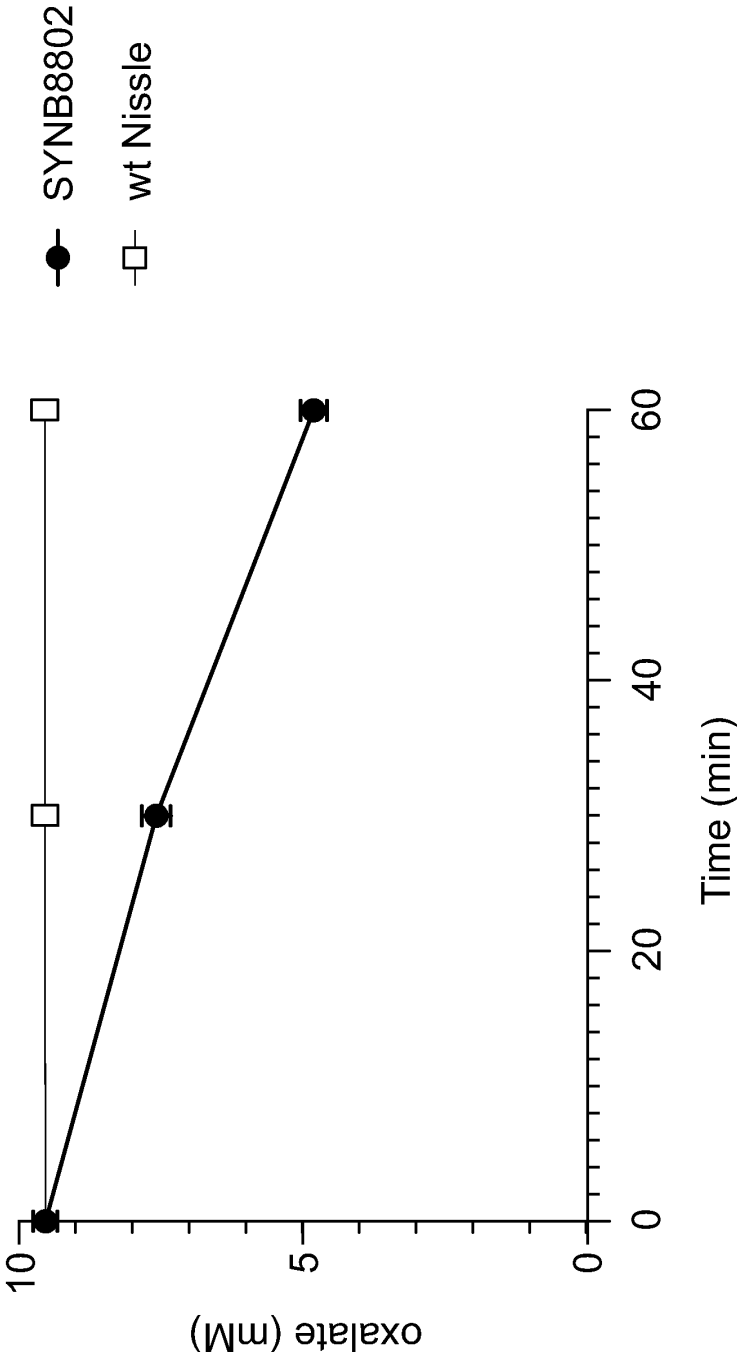
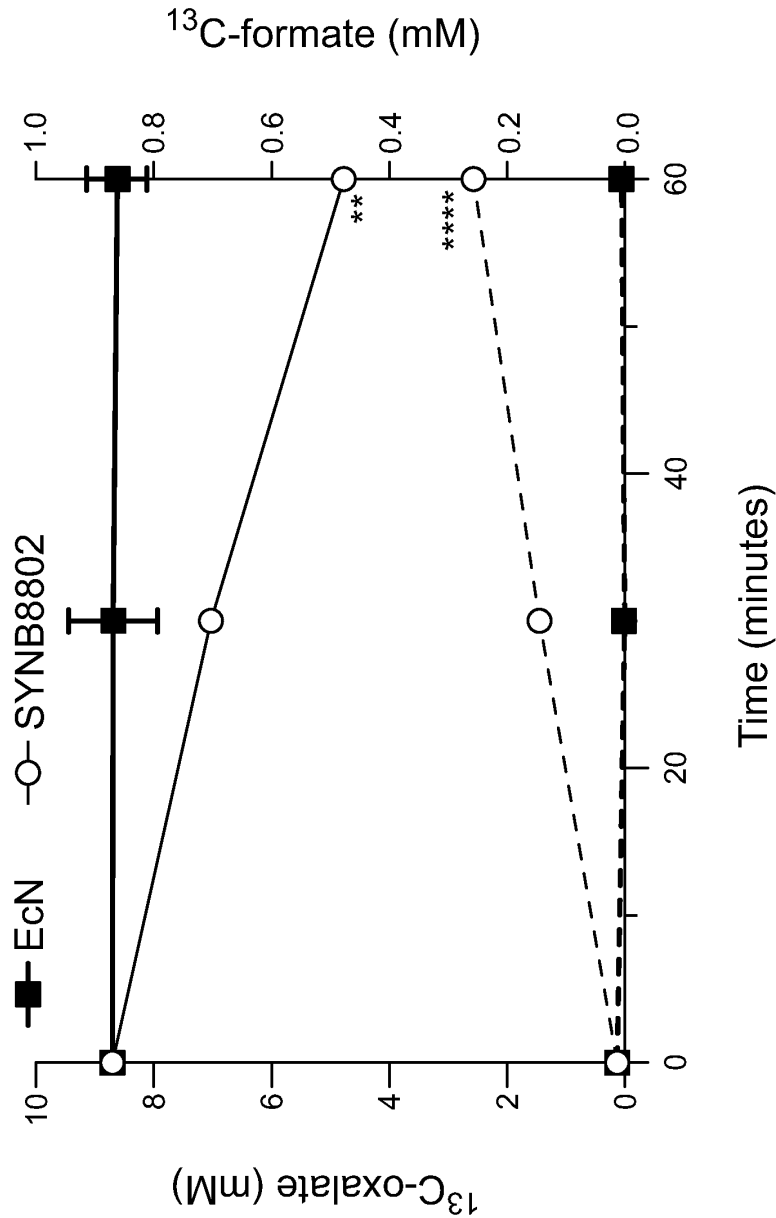


FIG. 4C



7/17

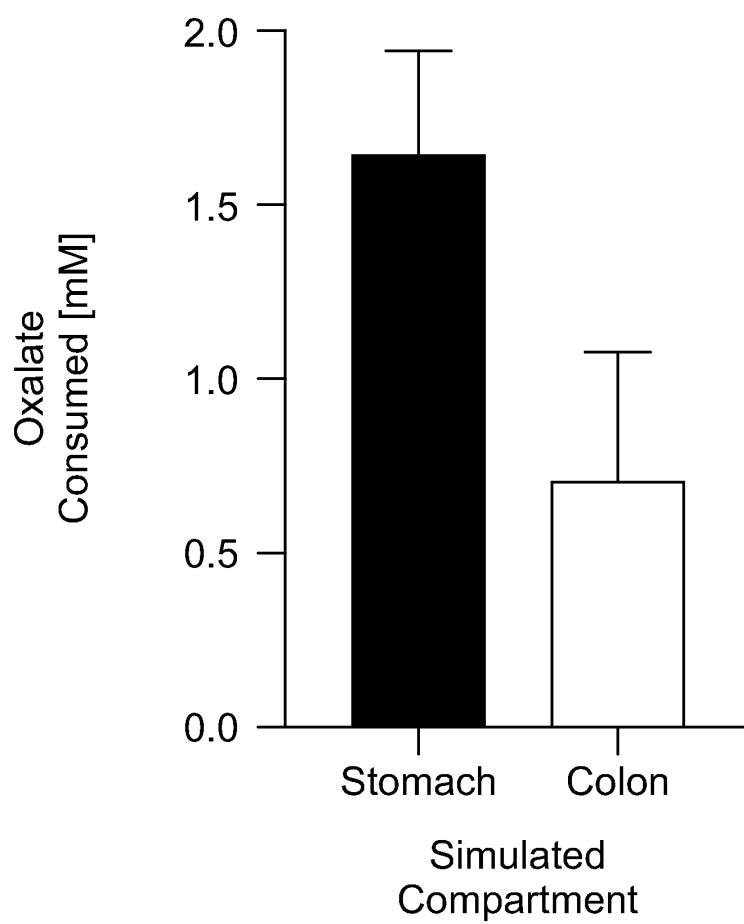


FIG. 5A

Oxalate Consumption in Mice

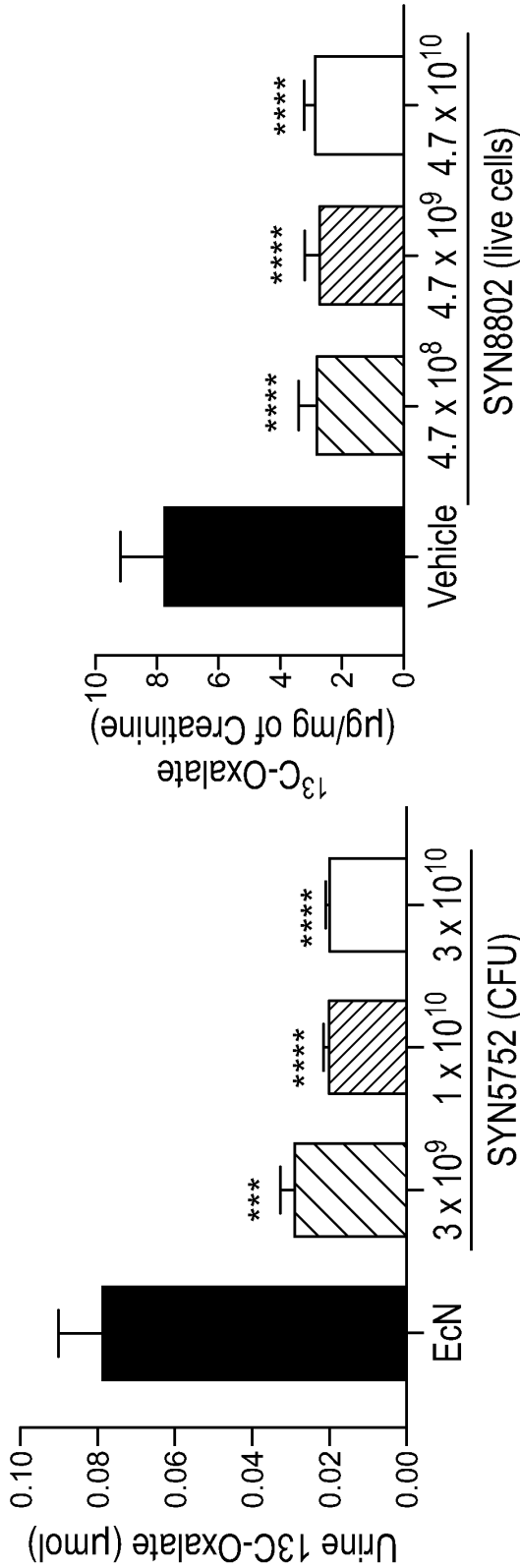
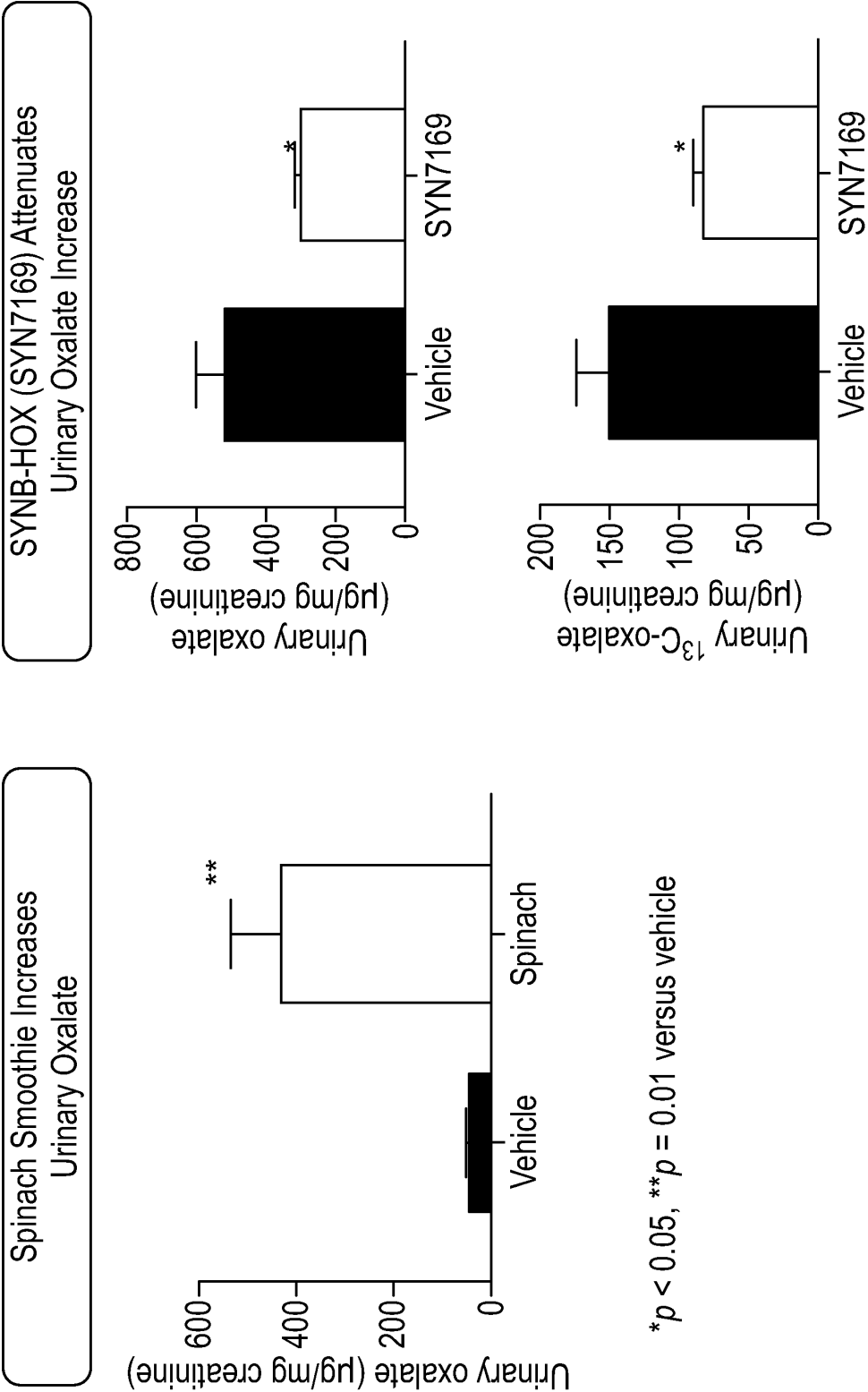


FIG. 5B

FIG. 5C

\*  $p < 0.05$ , \*\*\*  $p = 0.0001$ , \*\*\*\*  $p < 0.0001$  versus EcN

FIG. 6: SYNB-HOX Attenuates Urinary Oxalate Increase in Healthy Monkeys



10/17

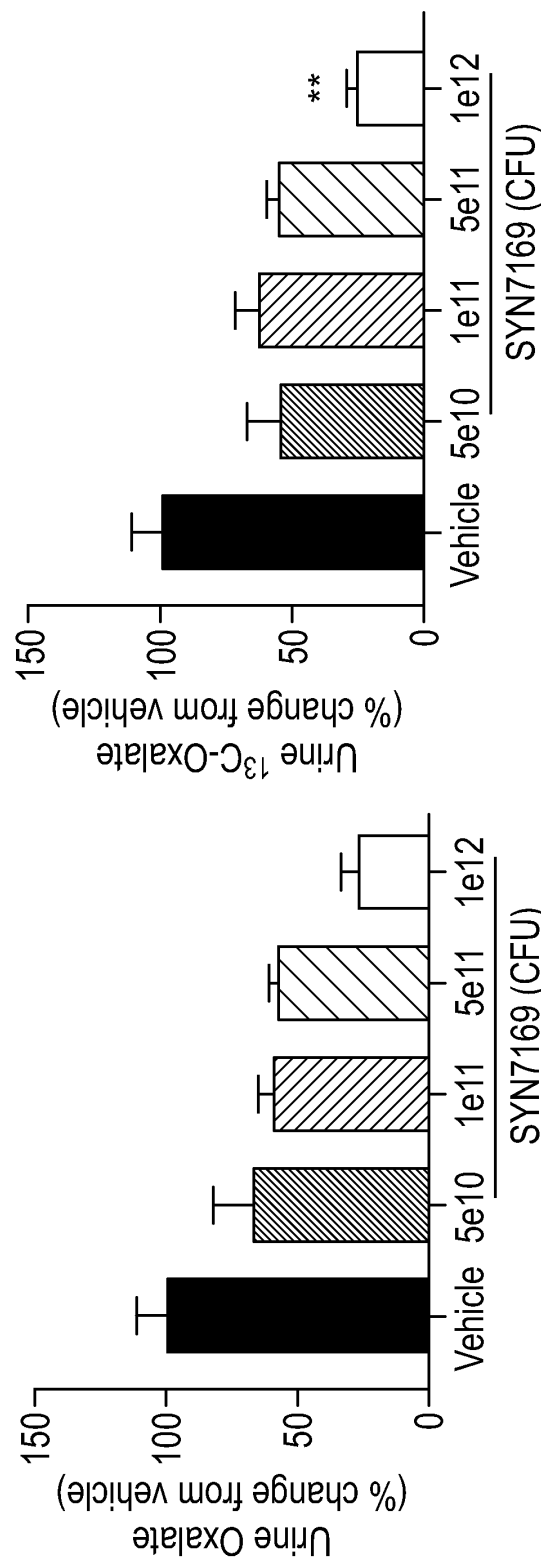


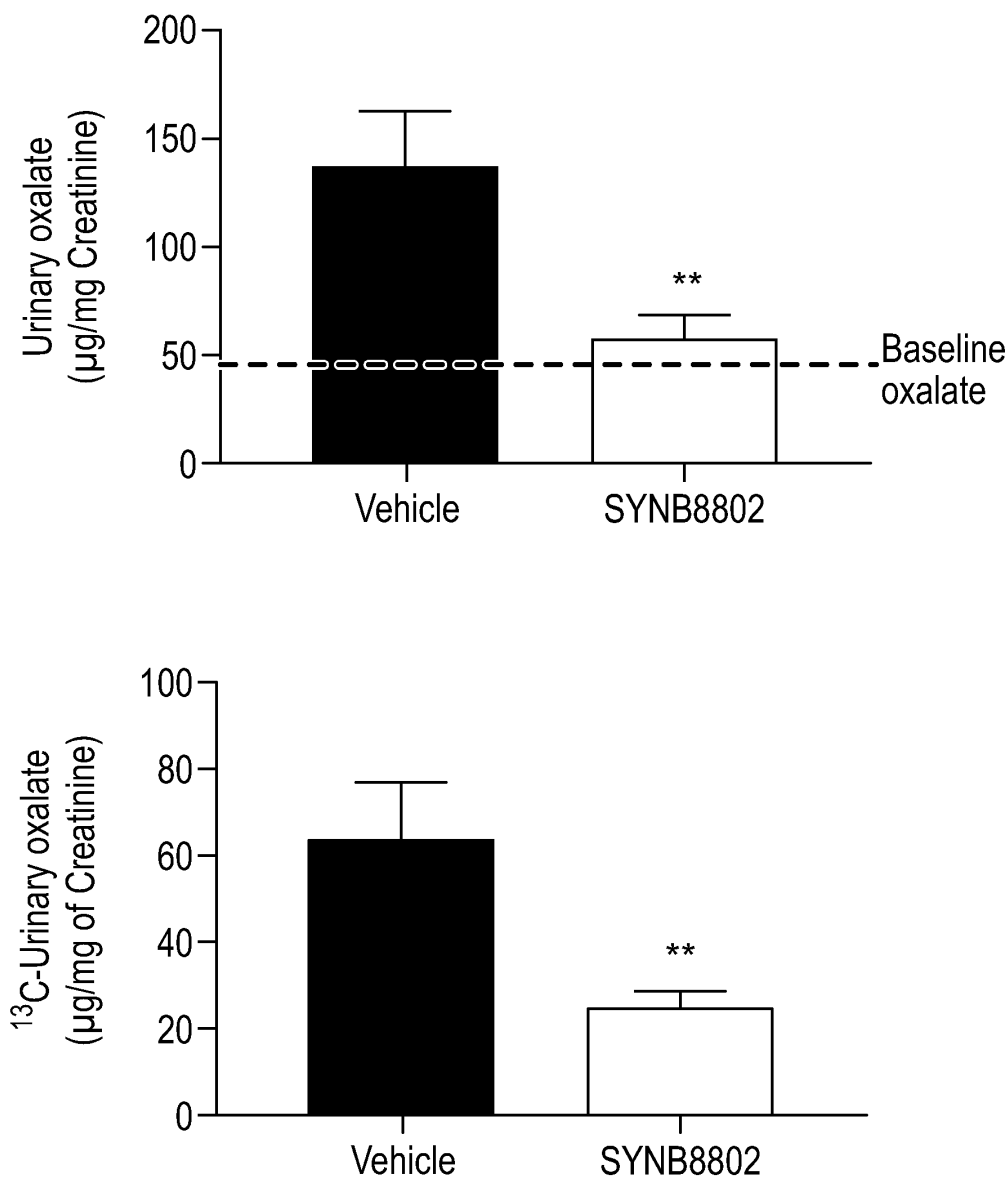
FIG. 7A

FIG. 7B

\*  $p < 0.05$ , \*\*  $p = 0.01$  versus vehicle

11/17

FIG. 7C: Consumption of oxalate and <sup>13</sup>C-oxalate in the GI tract of cynomolgus monkeys with acute hyperoxaluria



12/17

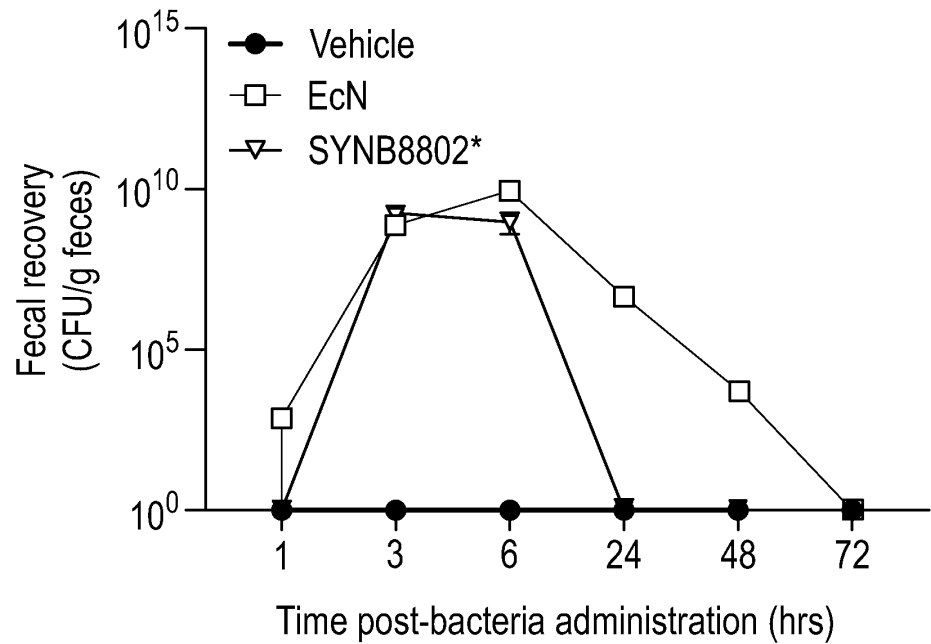


FIG. 8A

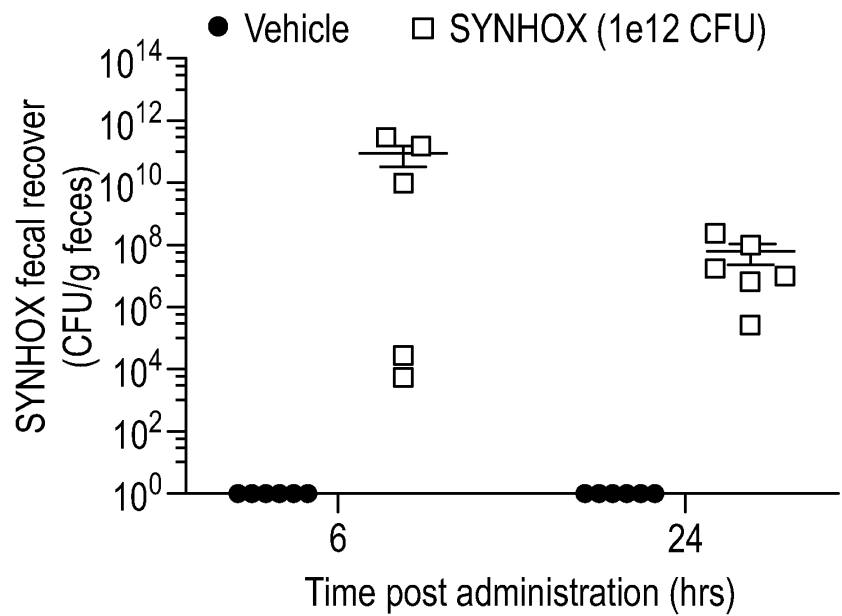


FIG. 8B

13/17

FIG. 9

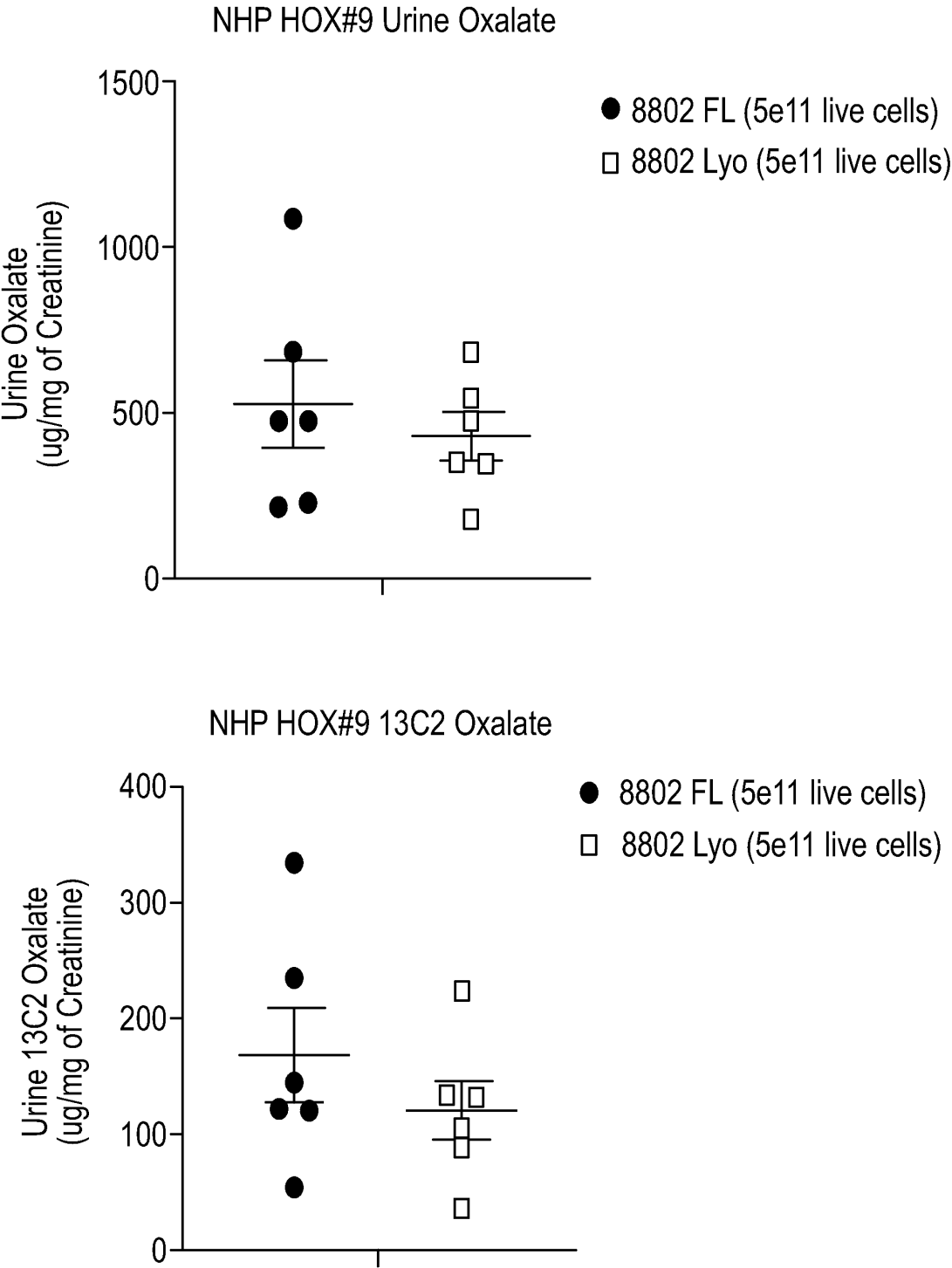


FIG. 10: SYN-HOX Consumes <sup>13</sup>C-Oxalate in Mice

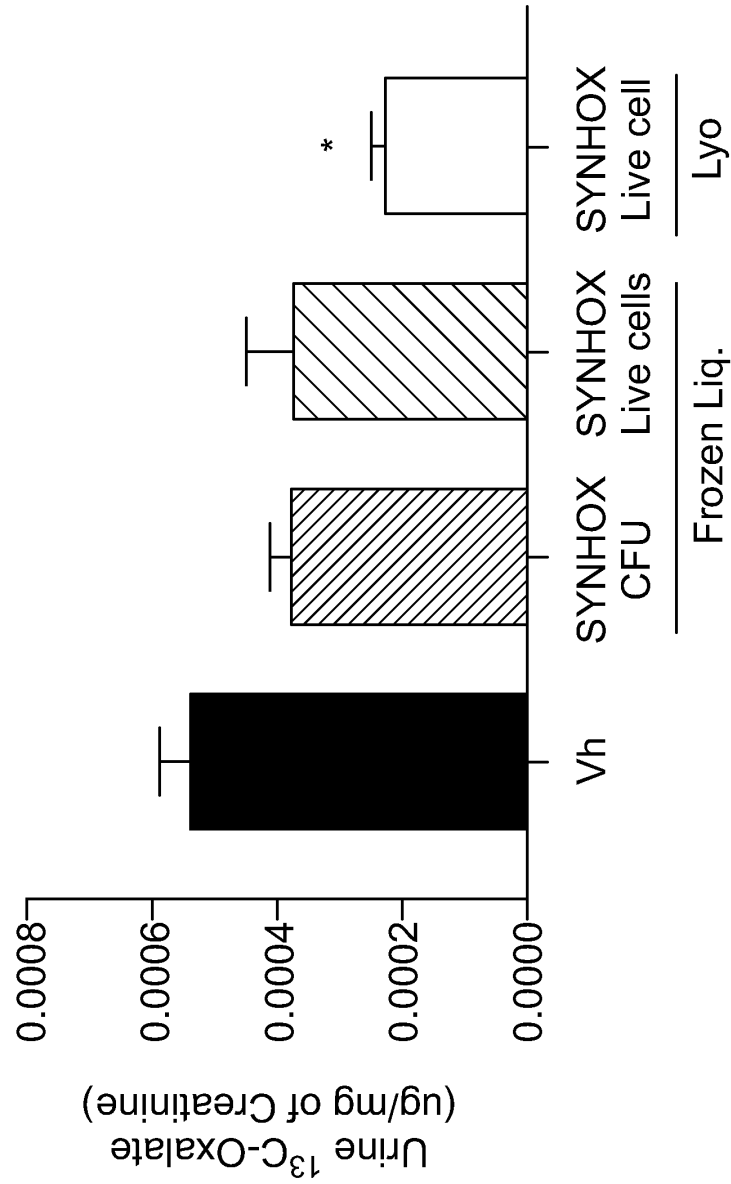
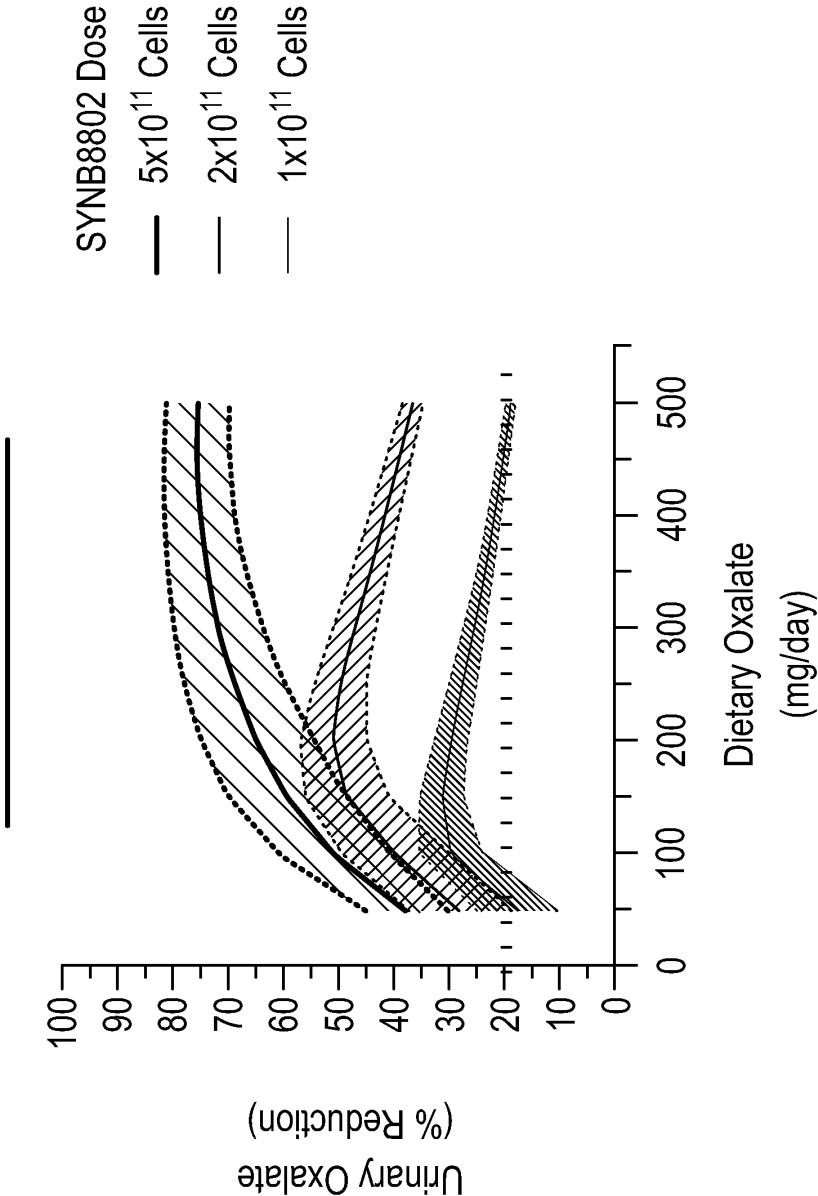


FIG. 11A: Modeling of Oxalate Lowering  
by SYN8-8802



Most patients consume <300 mg oxalate per day from diet

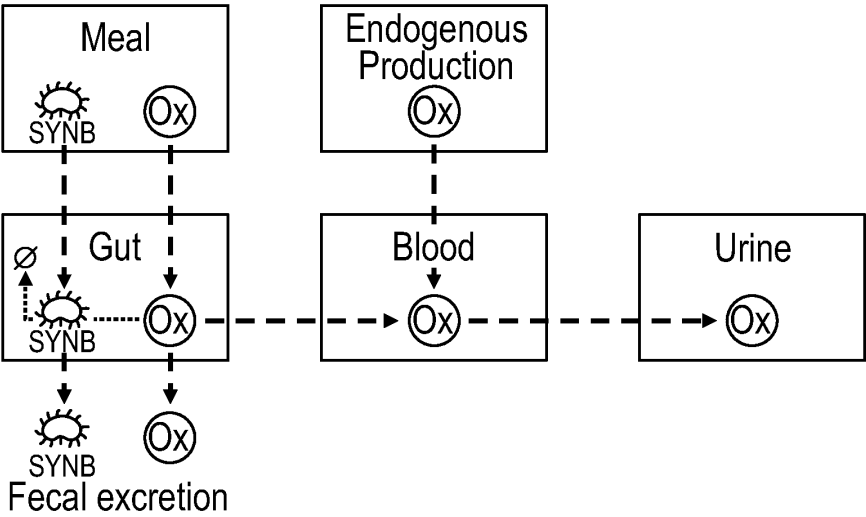


FIG. 11B

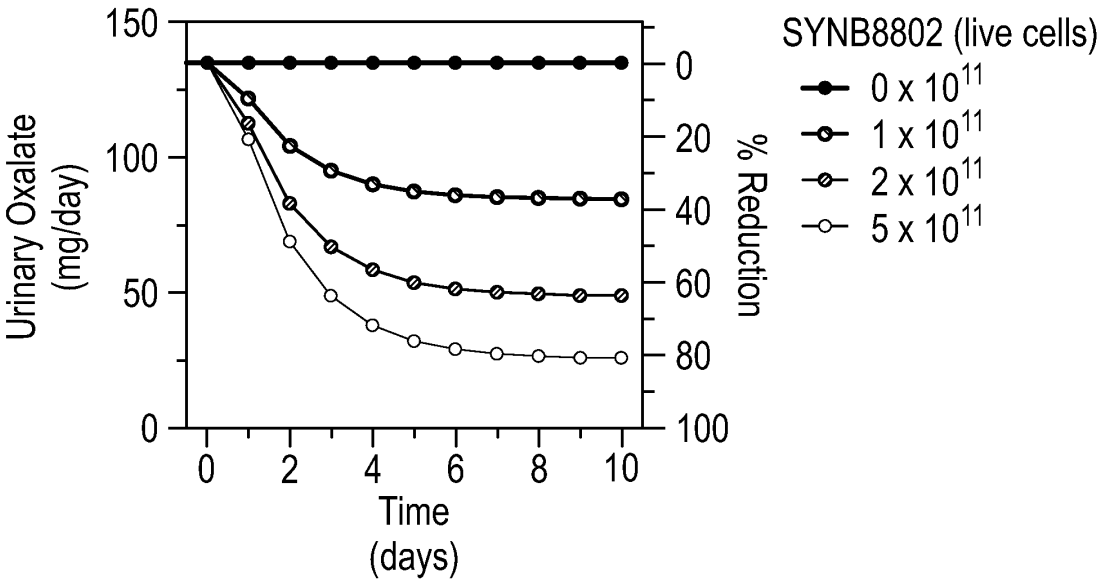
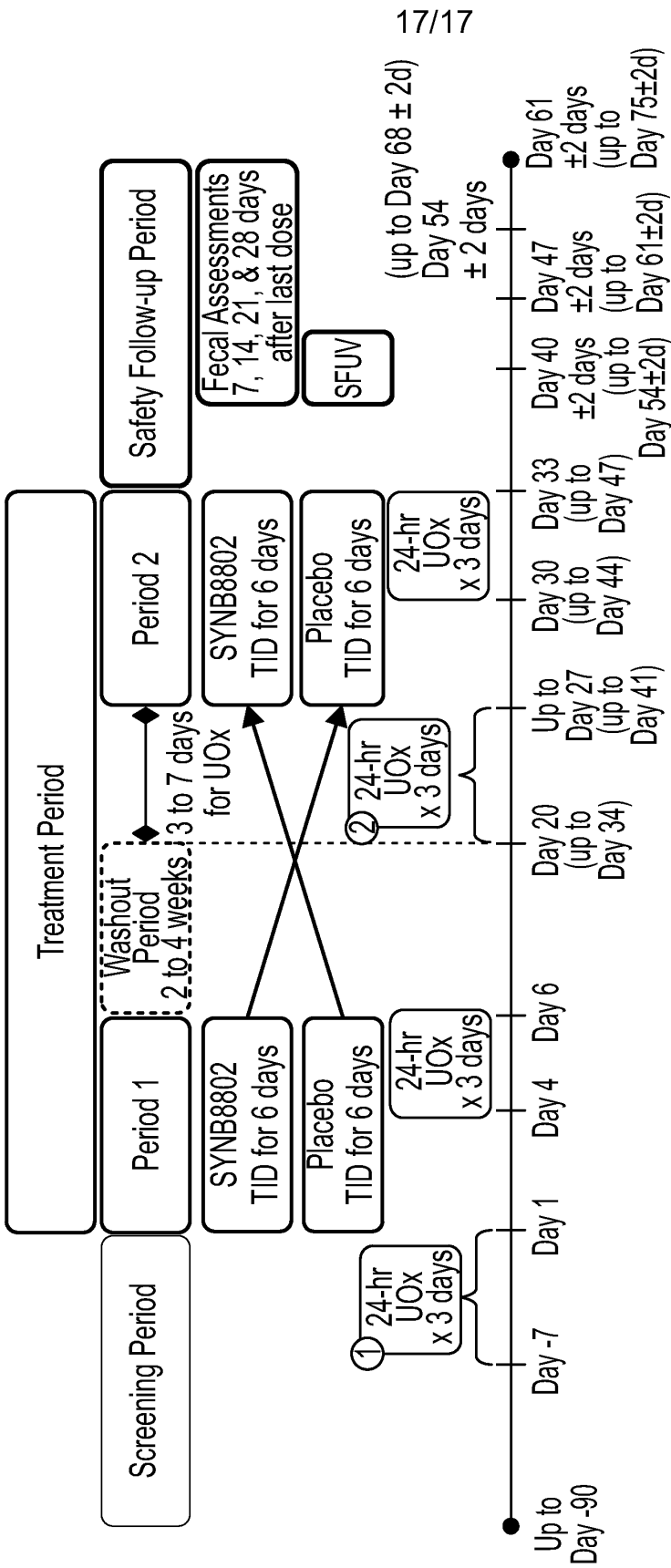


FIG. 11C

FIG. 12



17/17

TID = three times per day; SFUUV = Safety Follow-up Visit; UOx = urinary oxalate

- ① Three 24-hour UOx assessments are required between Day-7 and Day 1. These collections do not need to occur on consecutive days.
- ② Three 24-hour UOx assessments are required within 7 days of the first dose of IMP in Period 2. These collections do not need to occur on consecutive days.

NOTE: In this example, the Washout Period is depicted as 2 weeks and the UOx assessments before Period 2 are spread out over 7 days. The Washout Period must be at least 2 weeks but may be as long as 4 weeks. The three 24-hour UOx assessments performed after the Washout Period and before Period 2, as stated above, are required within 7 days of the first dose of IMP in Period 2 and do not need to occur on consecutive days.