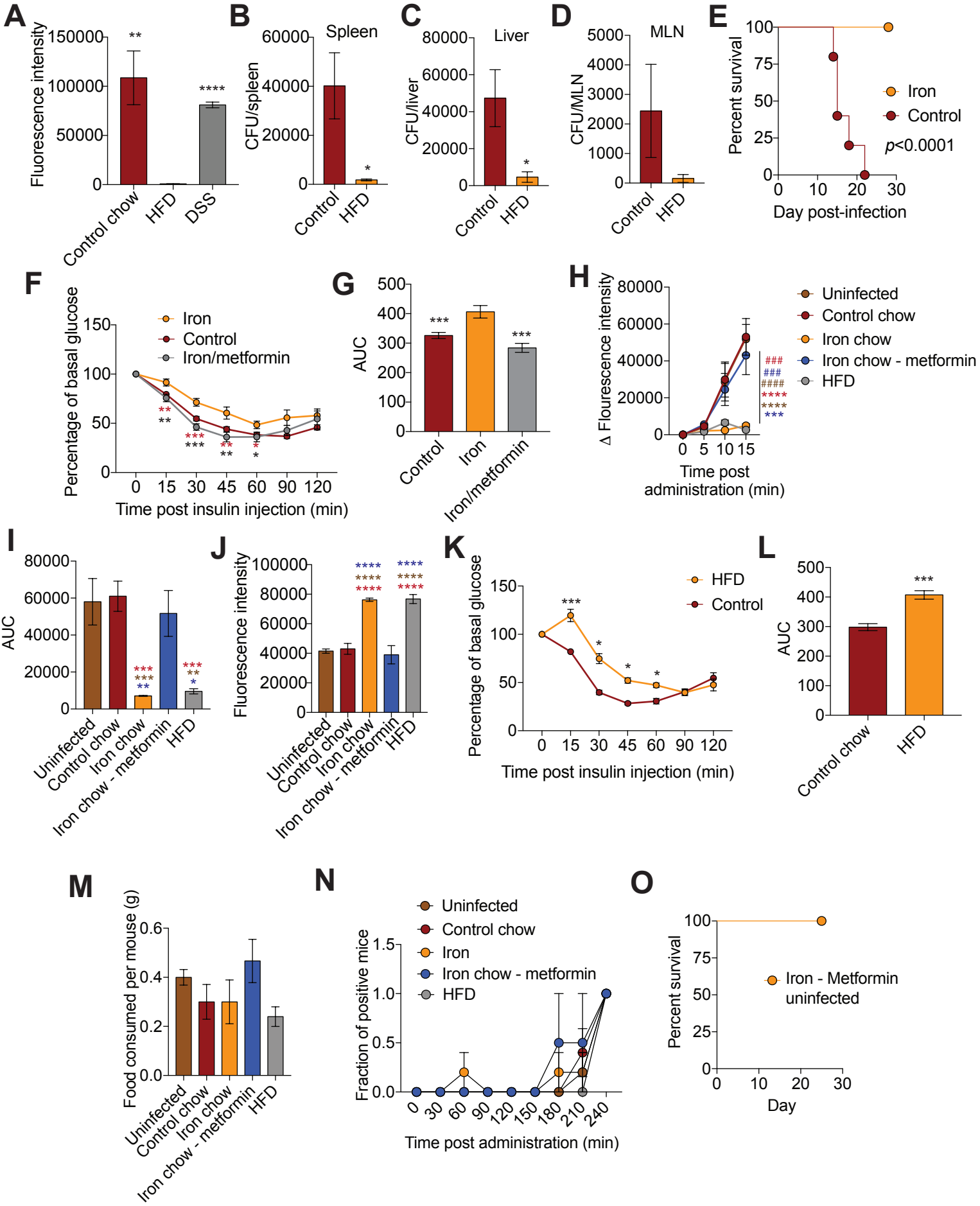
Figure S6


A
Fluorescence intensity
150000
100000
50000
0
**
****
Control chow
HFD
DSS
B
Spleen
CFU/spleen
60000
40000
20000
0
*
Control
HFD
C
Liver
CFU/liver
80000
60000
40000
20000
0
*
Control
HFD
D
MLN
CFU/MLN
5000
4000
3000
2000
1000
0
Control
HFD
E
Percent survival
100
75
50
25
0
0
10
20
30
Day post-infection
Iron
Control
p<0.0001
F
Percentage of basal glucose
150
100
50
0
Iron
Control
Iron/metformin
0
15
30
45
60
90
120
Time post insulin injection (min)
G
AUC
500
400
300
200
100
0
***
***
Control
Iron
Iron/metformin
H
Δ Flourescence intensity
80000
60000
40000
20000
0
0
5
10
15
Time post administration (min)
Uninfected
Control chow
Iron chow
Iron chow - metformin
HFD
I
AUC
80000
60000
40000
20000
0
Uninfected
Control chow
Iron chow
Iron chow - metformin
HFD
J
Fluorescence intensity
100000
80000
60000
40000
20000
0
Uninfected
Control chow
Iron chow
Iron chow - metformin
HFD
K
Percentage of basal glucose
150
100
50
0
HFD
Control
0
15
30
45
60
90
120
Time post insulin injection (min)
L
AUC
500
400
300
200
100
0
***
Control chow
HFD
M
Food consumed per mouse (g)
0.6
0.4
0.2
0.0
Uninfected
Control chow
Iron chow
Iron chow - metformin
HFD
N
Fraction of positive mice
1.5
1.0
0.5
0.0
Uninfected
Control chow
Iron
Iron chow - metformin
HFD
0
30
60
90
120
150
180
210
240
Time post administration (min)
O
Percent survival
100
75
50
25
0
Iron - Metformin
uninfected
0
10
20
30
Day