flies completely motionless
myocyte unresponsive to stimulation
time of anoxia
100%
Fly recovery from anoxia
50%
Full recovery
Anoxic Drosophila melanogaster
Fly death
1 m
30 m
1 h
4 h
6 h
Reversible stunning
Ischemic mammalian heart
Irreversible infarction
time of ischemia
cellular injury visible by electron microscopy
Beginning of irreversible injury
Most cardiac myocytes dead