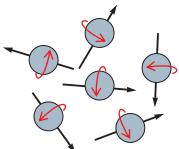
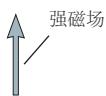


## A 磁共振

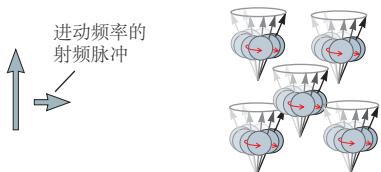
1 自然状态



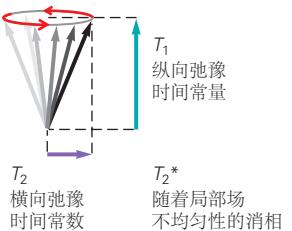
2 强磁场



3 进动频率的射频脉冲

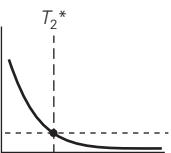
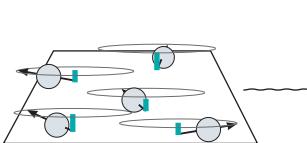
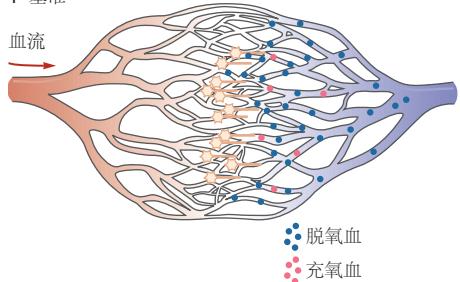


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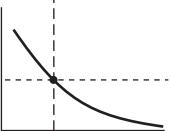
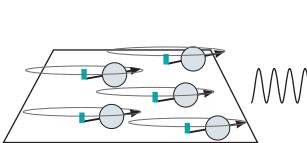
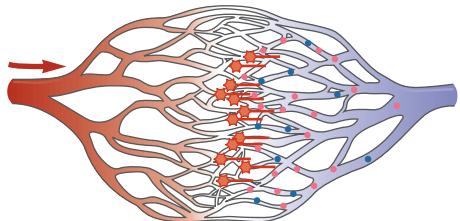


## B 功能性核磁共振成像

1 基准



2 神经元活性



3 充氧血供应过剩会降低脱氧血的比例

4 较少的横向磁化移相会导致  $T_2^*$  信号或血氧水平依赖性对比增加