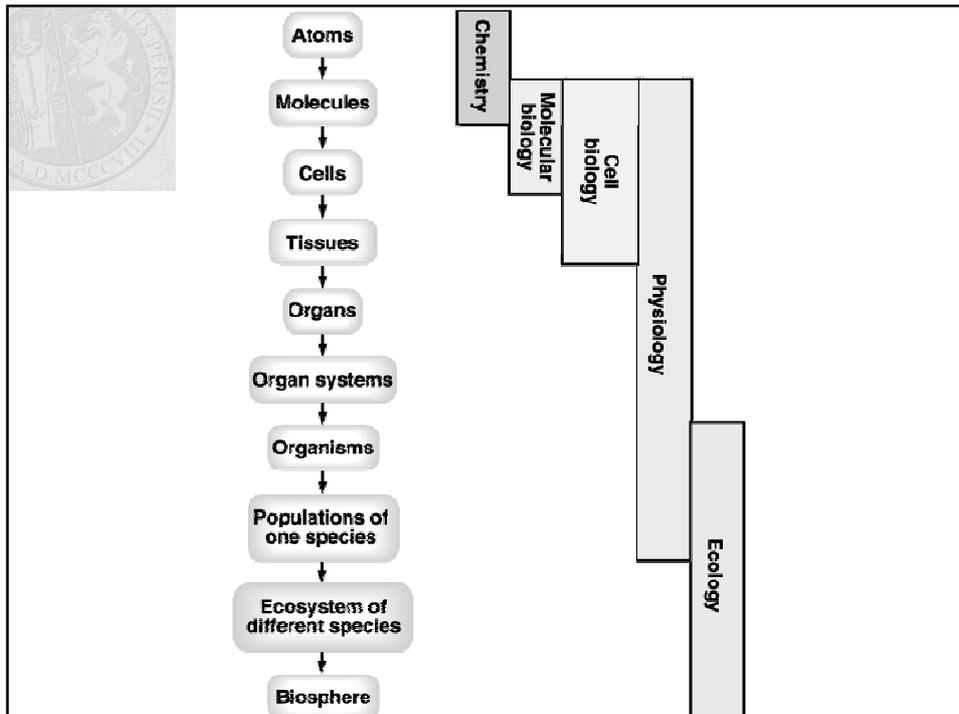
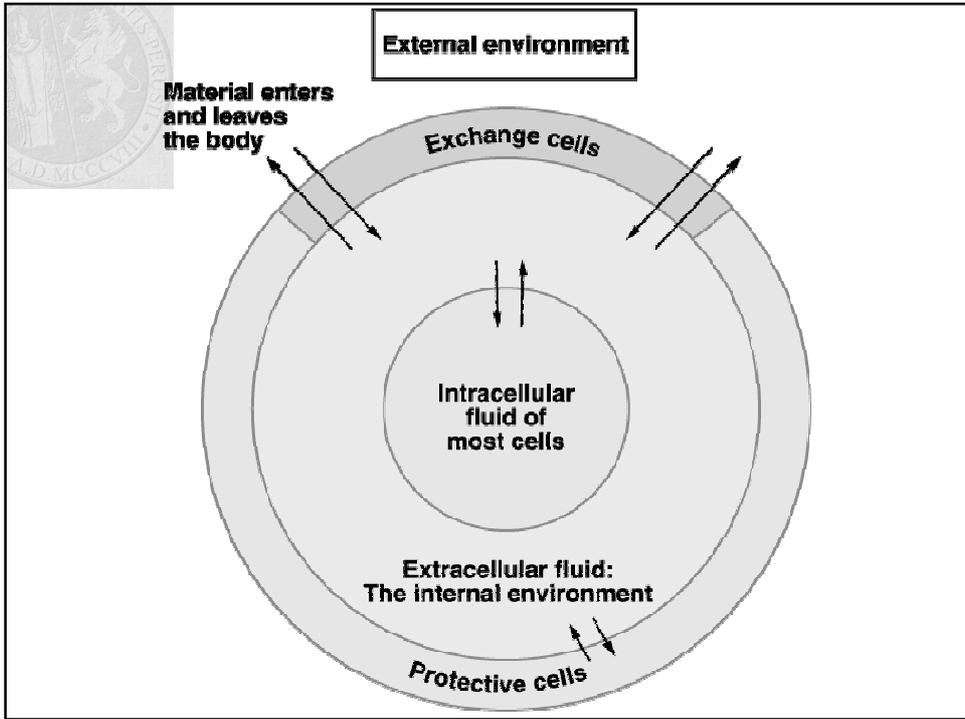
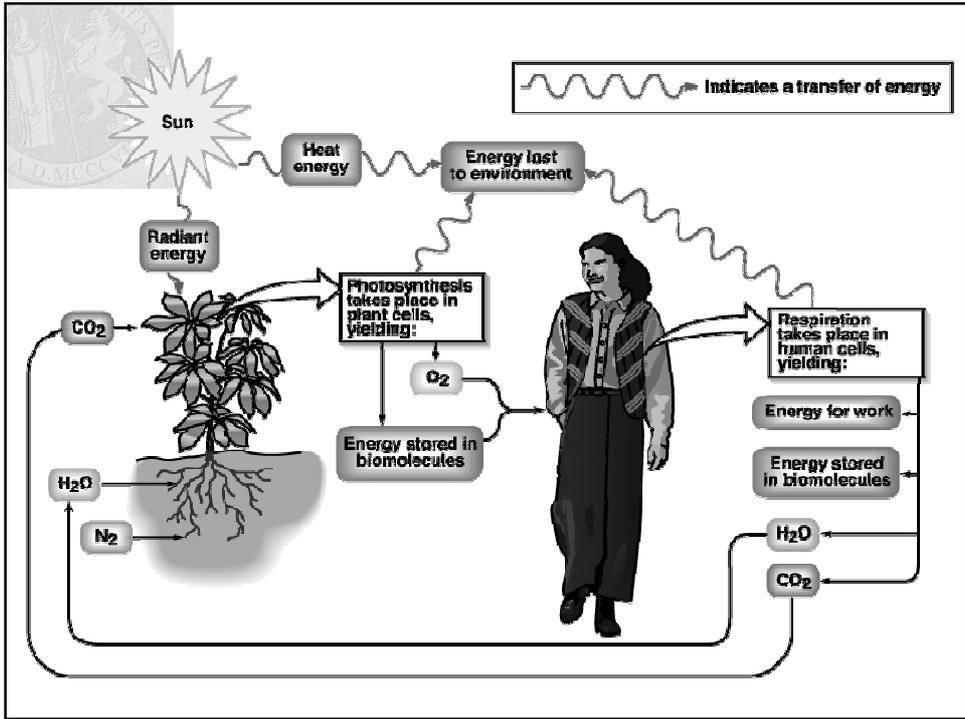


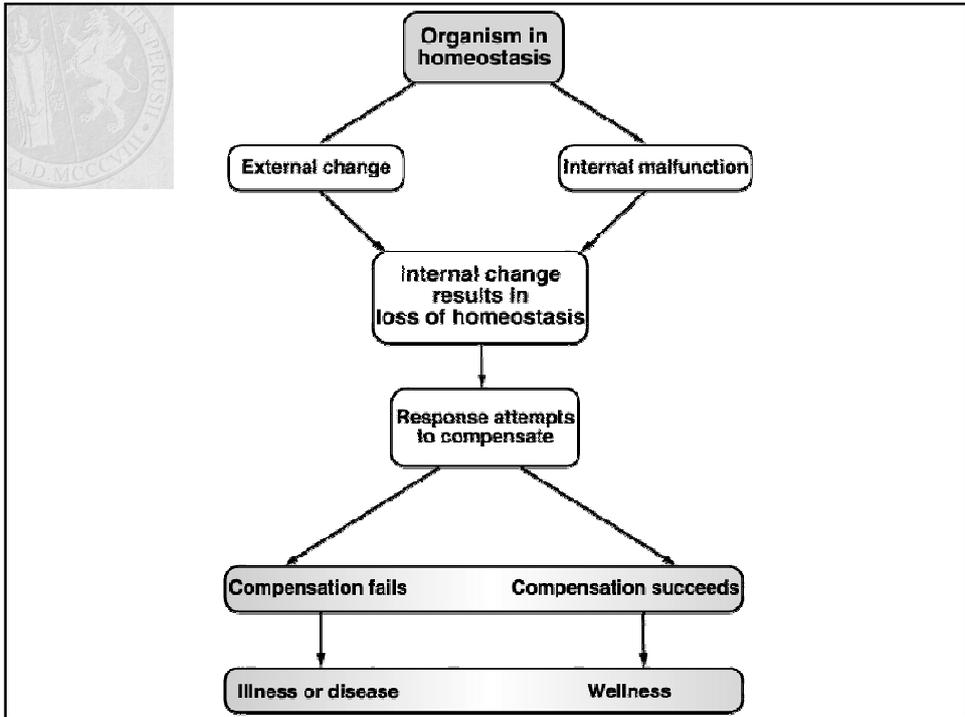
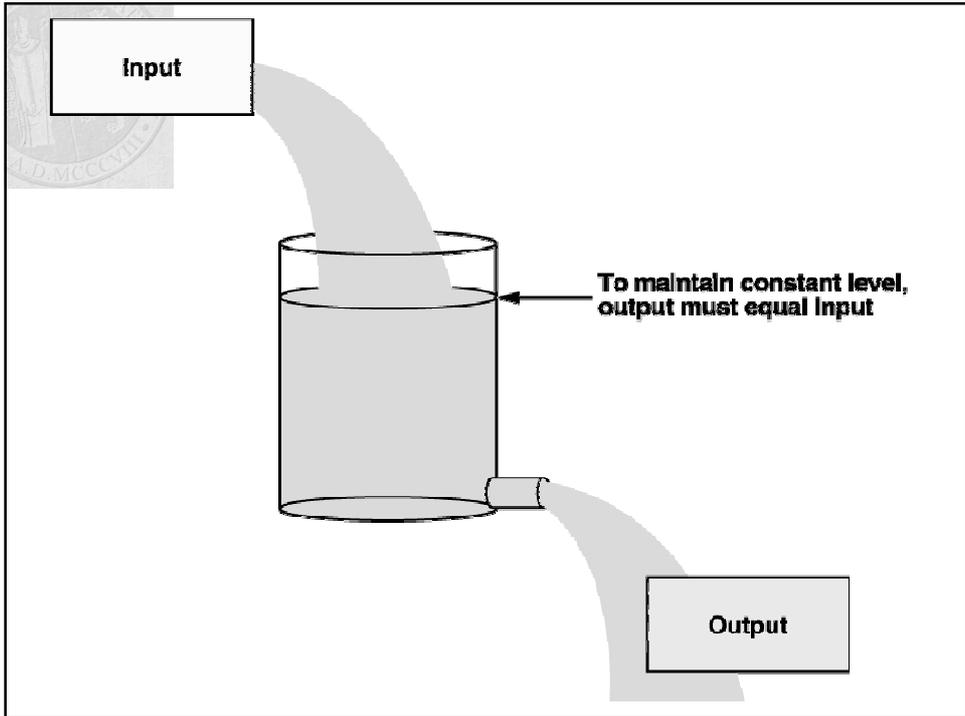


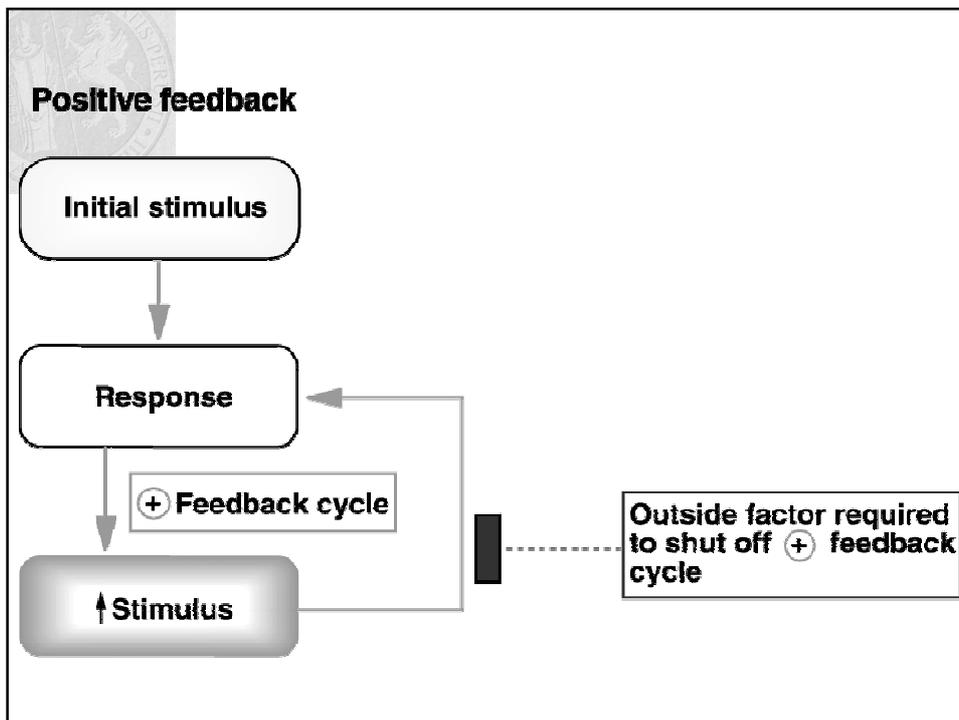
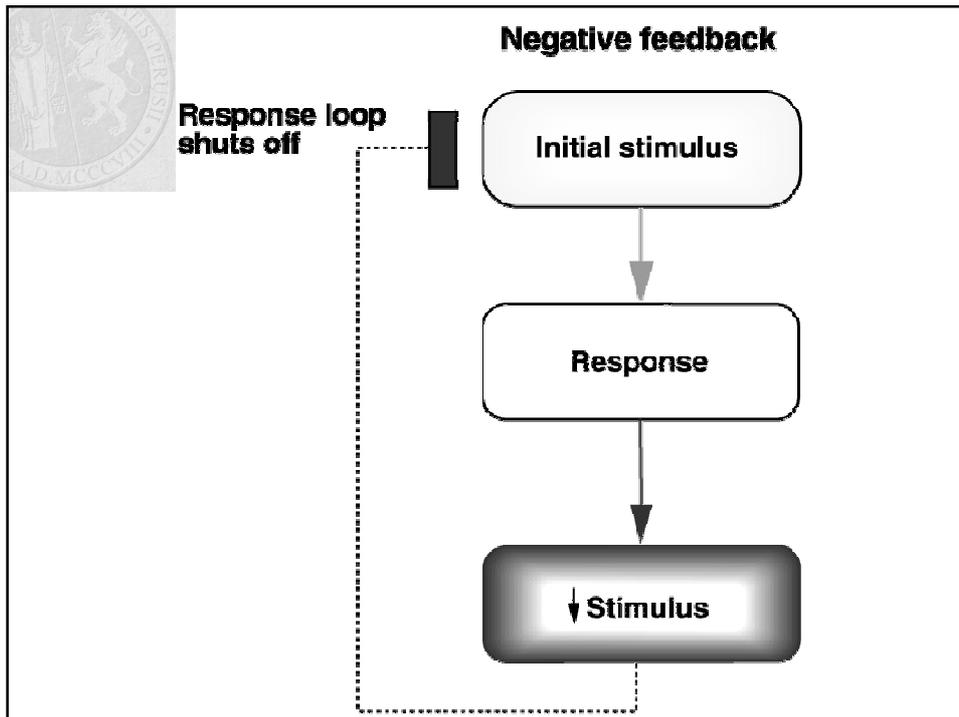
# La fisiologia

*Di cosa si occupa?*



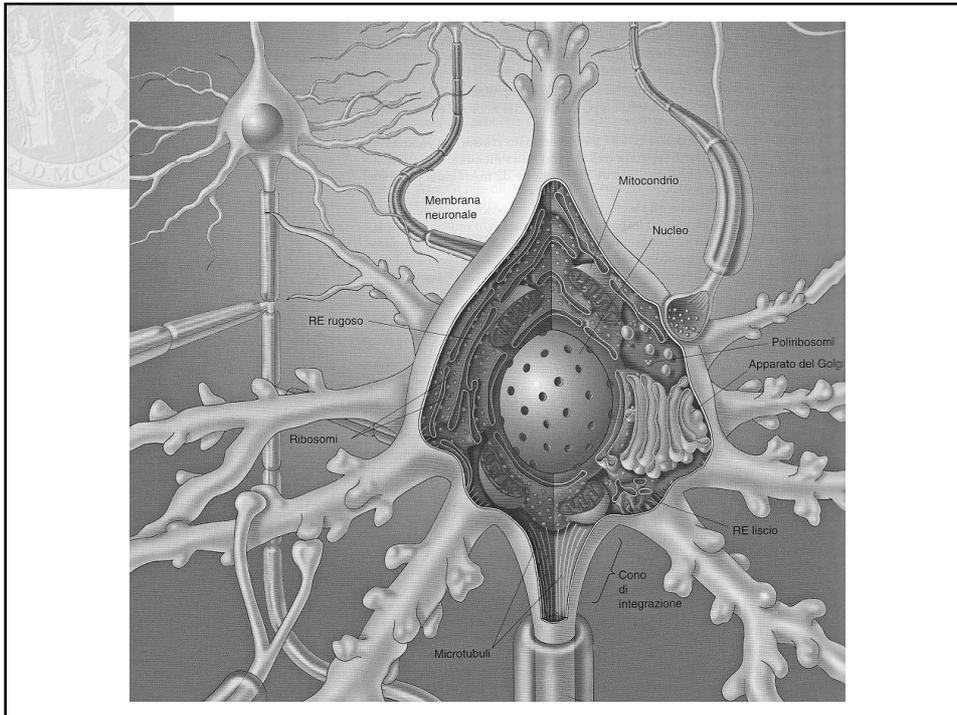


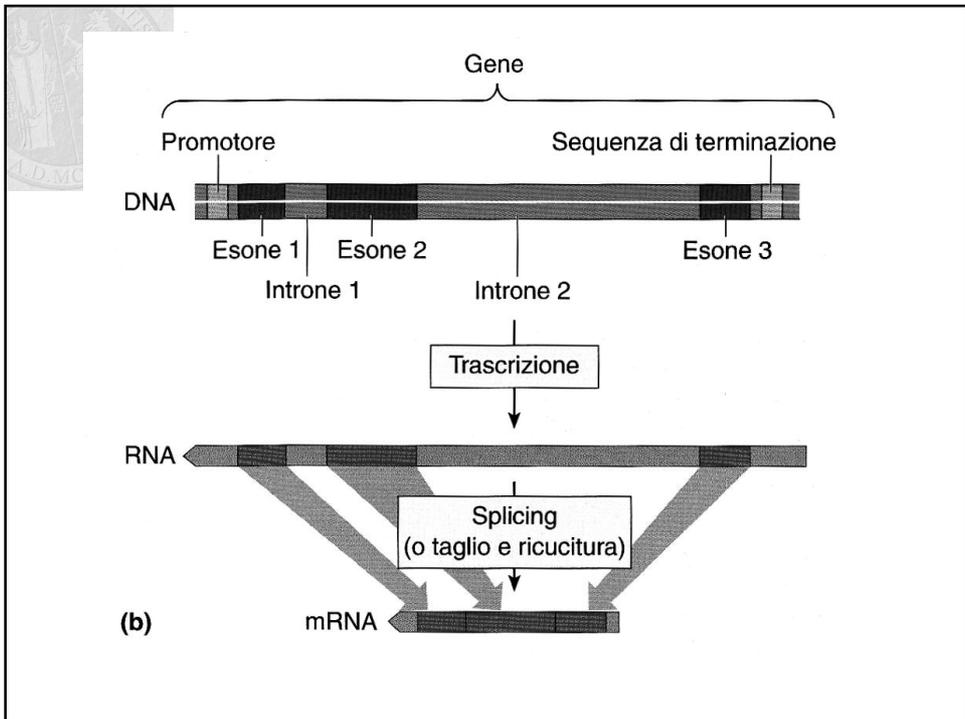
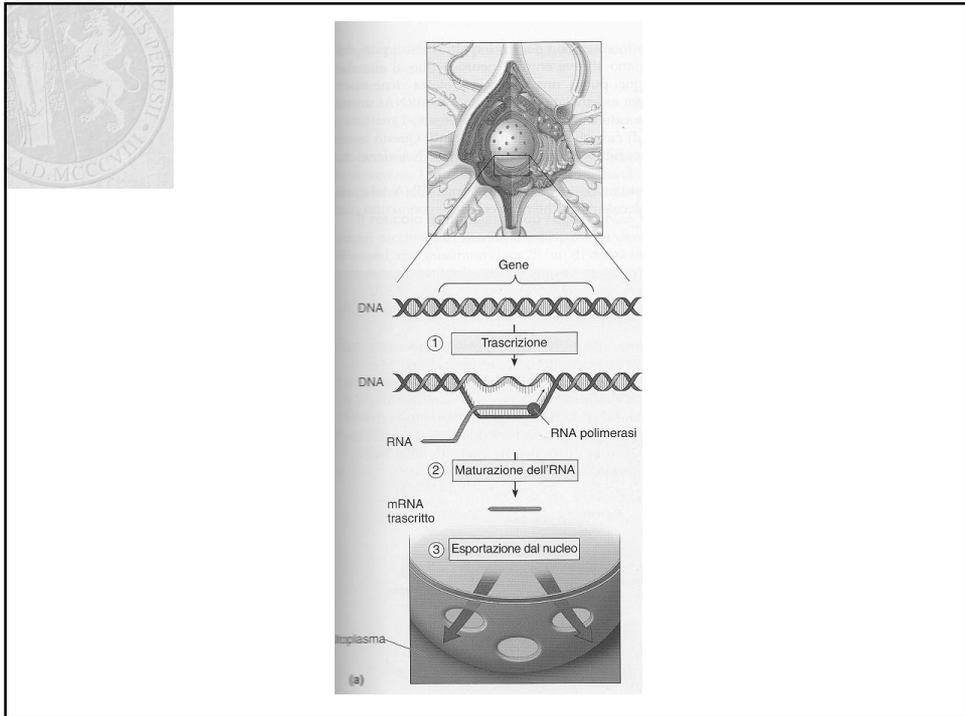


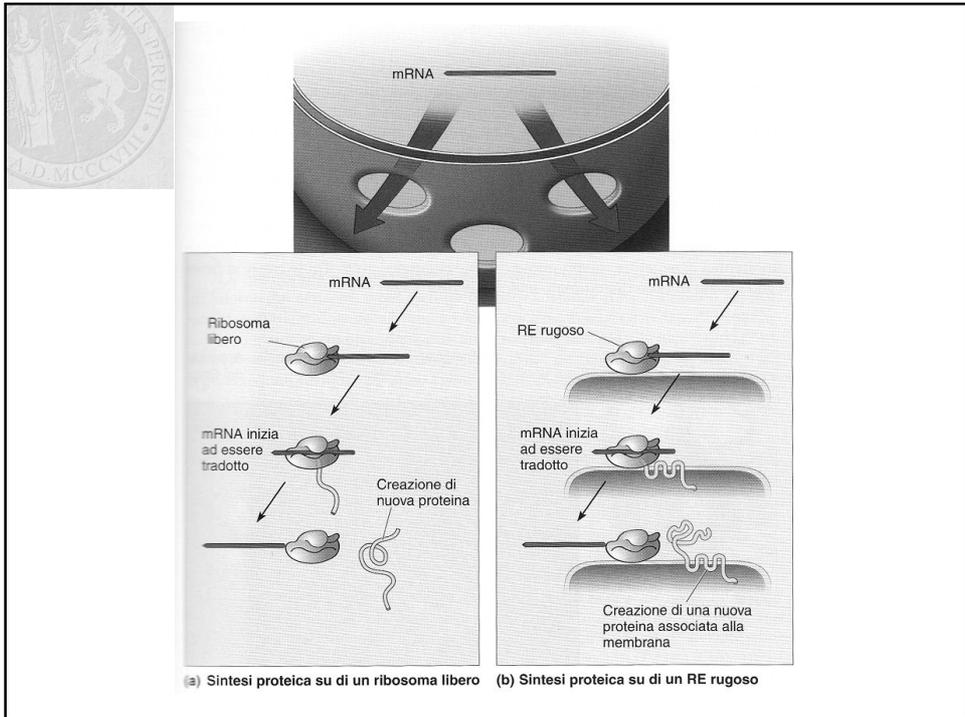
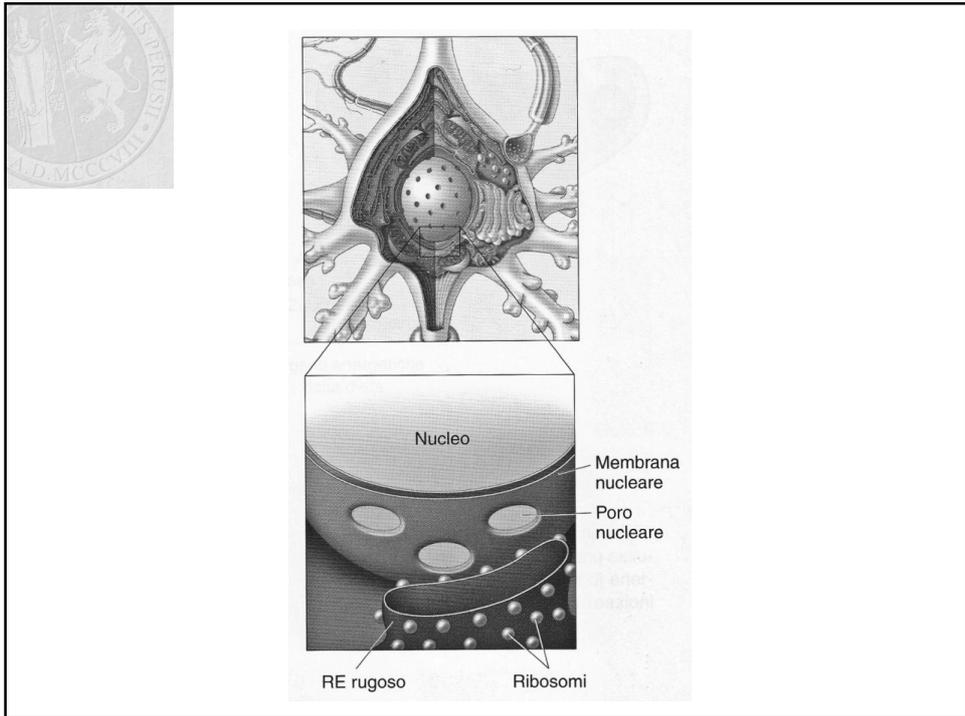


# La cellula

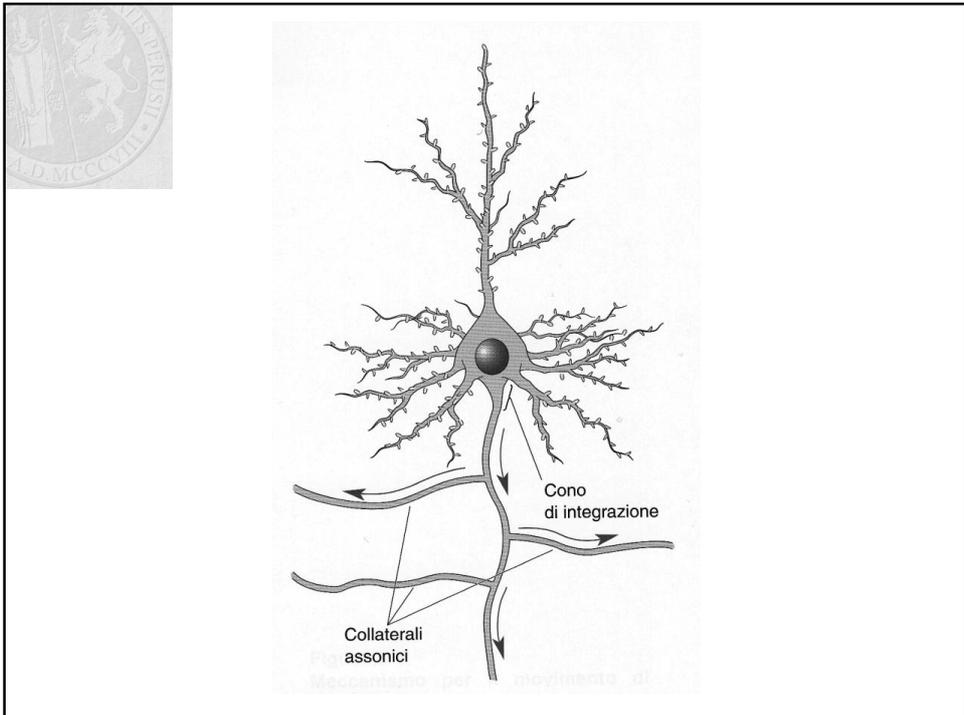
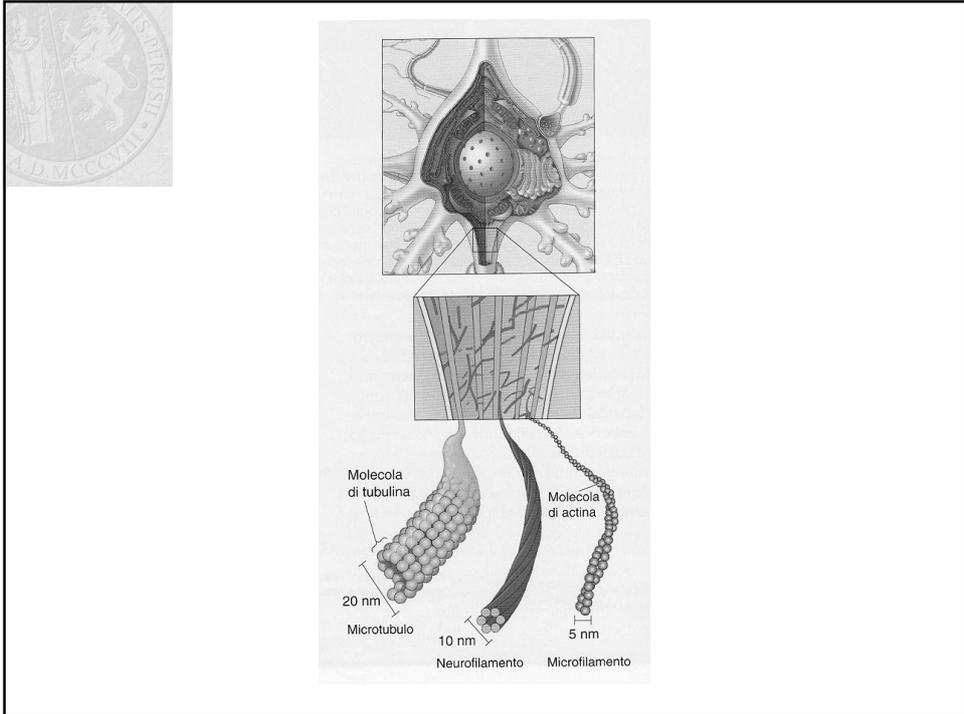
## *Anatomia funzionale*

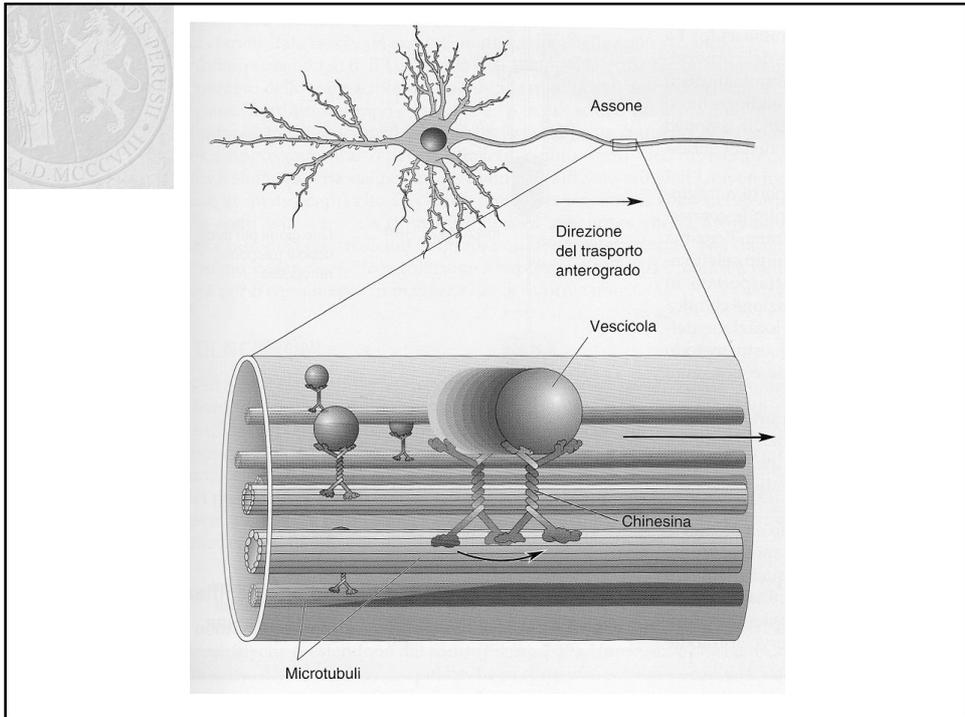
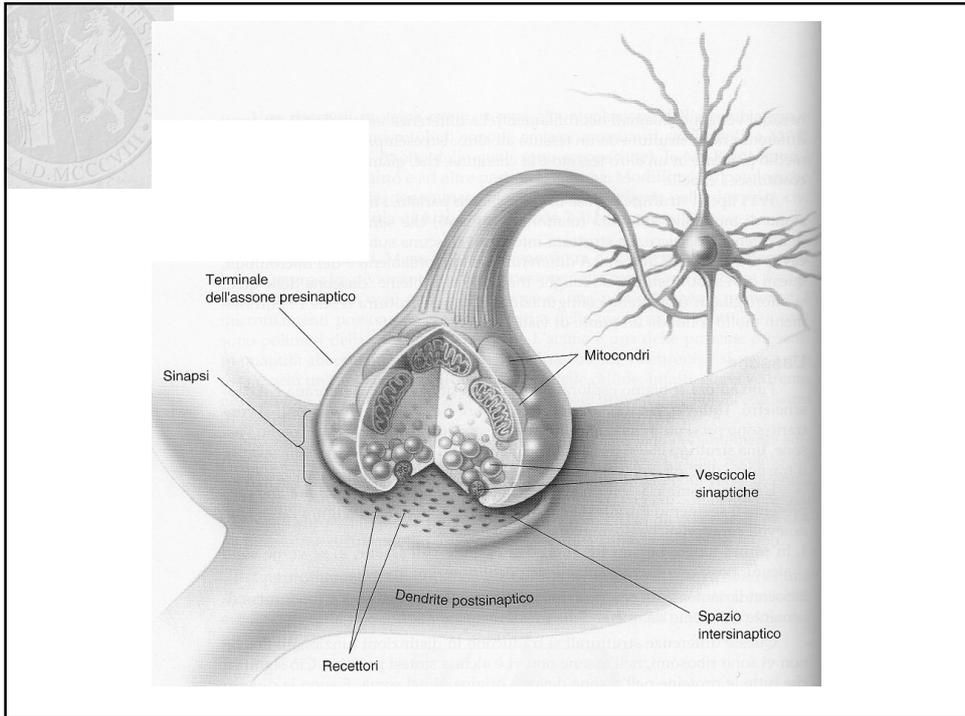


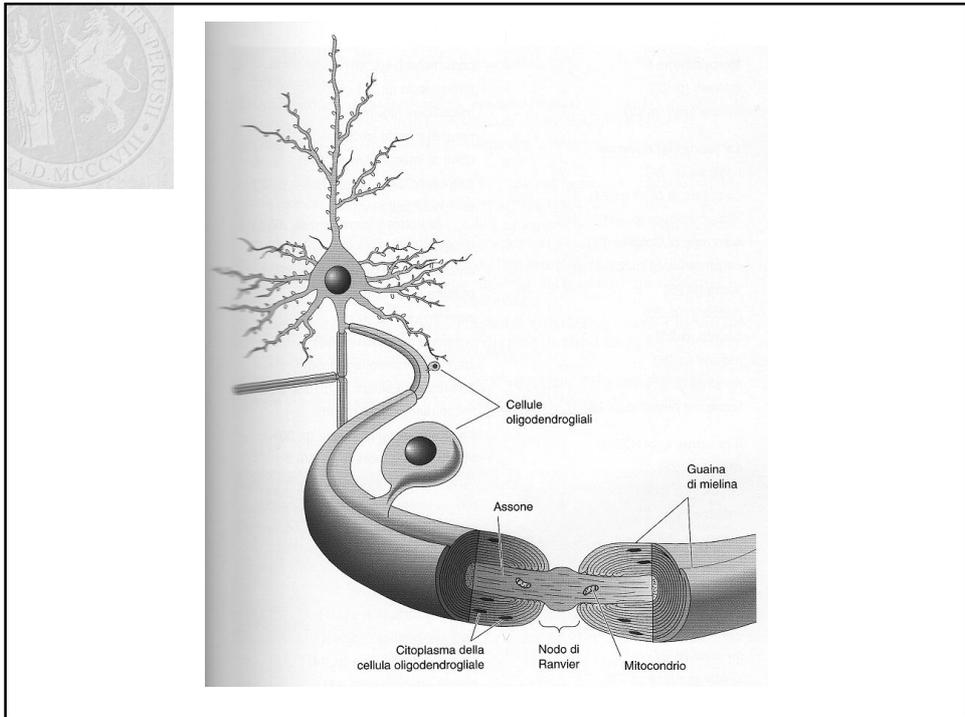
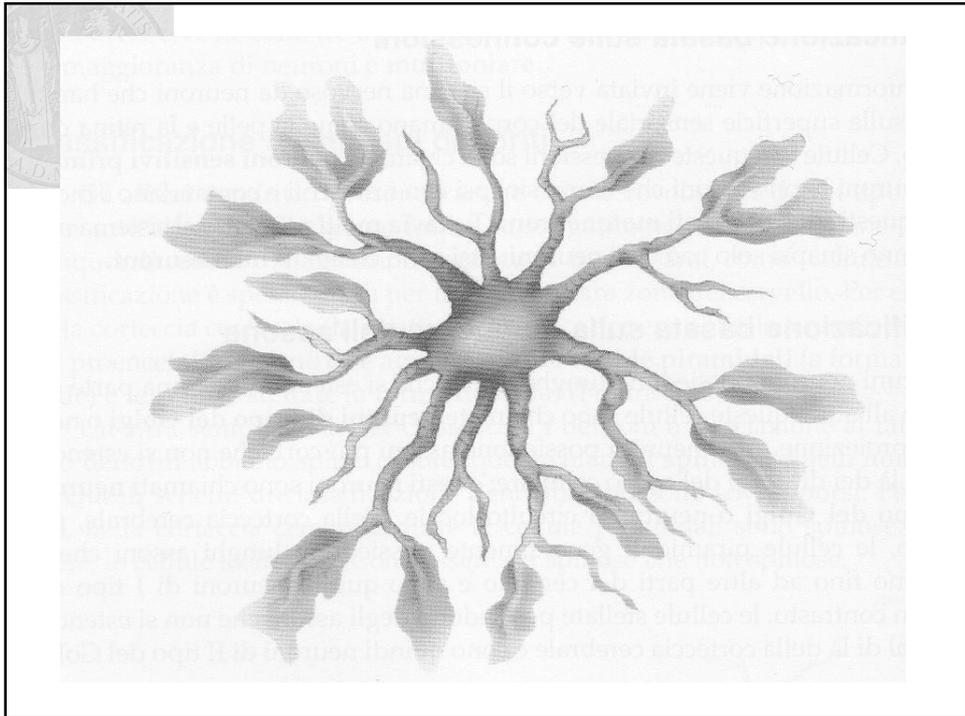














## Regolazione del ciclo cellulare

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- Fattori di crescita: stimolano la crescita e/o la proliferazione.
- Cicline o chinasi ciclina-dipendenti: regolano il ciclo cellulare.
- p53 e apoptosi: arrestano la replicazione cellulare e/o avviano il processo di morte programmata.



## Regolazione delle funzioni cellulari

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- Modulazione funzionale.
  - attività enzimatica
  - gating dei canali ionici
  - trasduttori
  - proteine regolatorie
- Attivazione di catene biochimico-enzimatiche
  - fosforilazione
- Regolazioni dall'esterno.