

# Meccanismi d'azione dell'analgesia con agopuntura

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## Modulazione periferica

- a) modulazione simpatica periferica (Santini, Cuello)
- b) modificazione delle proprietà di conduzione delle fibre nervose periferiche (Ignelzi-Nyquist, Lanza)
- c) modificazione del potenziale di placca e desensibilizzazione
- d) stimolazione del campo recettivo inibitorio dei neuroni WDR

## Modulazione segmentaria

- a) modulazione all'ingresso ("gate control")
- b) attivazione del circuito inibitorio propriospinale (Gebhart e coll.)

## Modulazione soprasegmentaria

- a) DNIC (Diffuse Noxious Inibitory Control)
- b) Attivazione reticolare (Melzack-Jeans)
- c) Attivazione talamica (Man-Chen, Chang)
- d) Attivazione del "central control trigger"
- e) Attivazione dell' "ansa analgesica mesolimbica" (Han)

## Azione sui sistemi neurochimici di modulazione

- a) Oppioidi endogeni (Mayer-Price, Pomeranz, Sjolund-Terenius-Eriksson, Han)
- b) Serotonina (Mc Lennan e coll.)

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