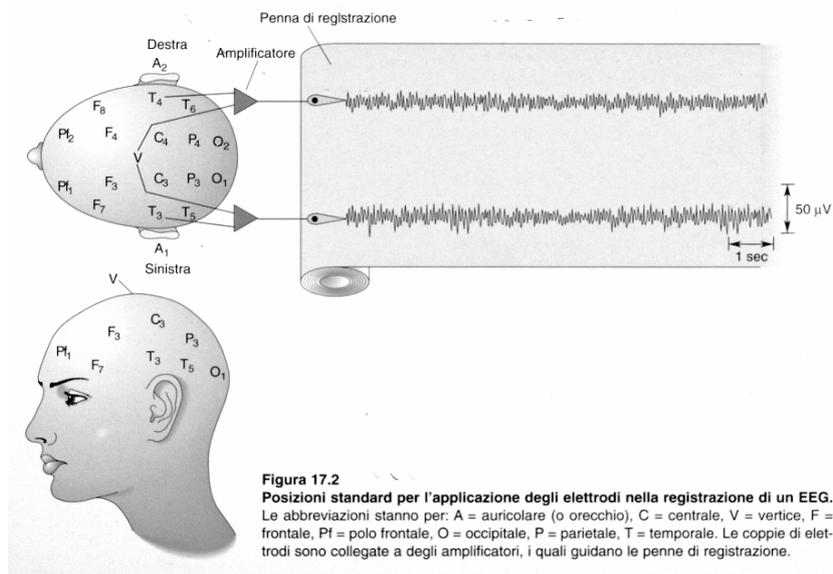
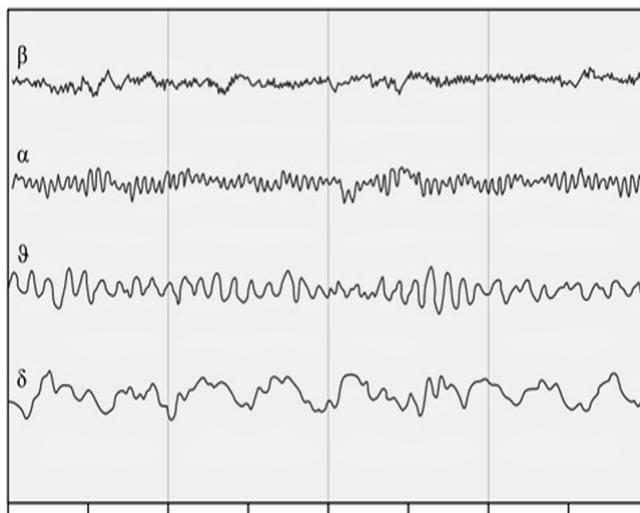


Il tracciato elettroencefalografico

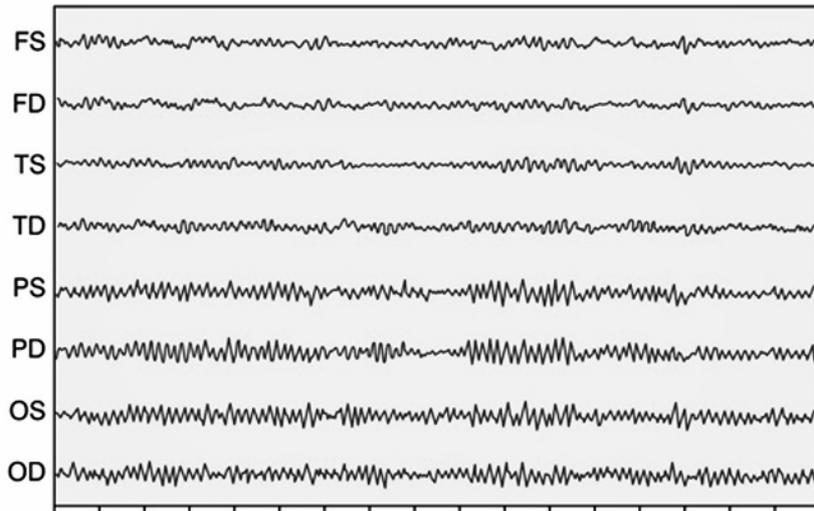


Ritmi dell'EEG

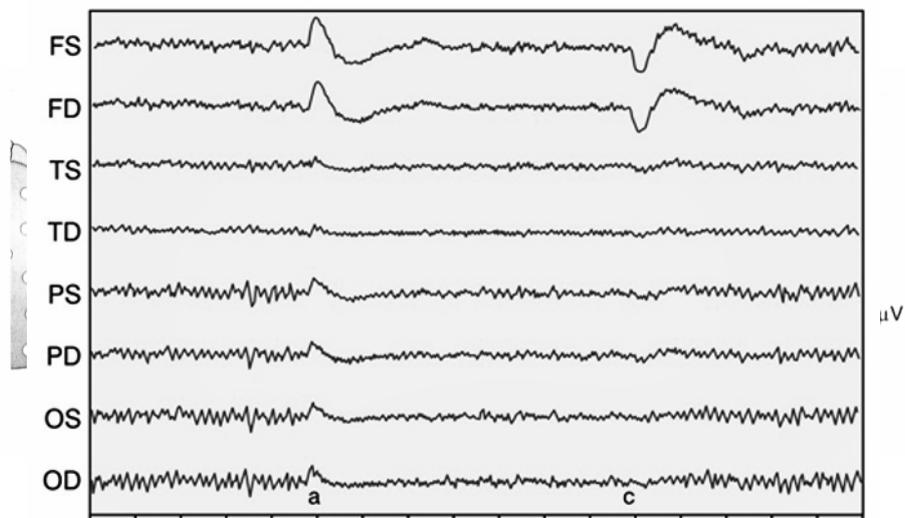


β	> 14 Hz 30 μ V
α	8-13 Hz 50 μ V
θ	4- 8 Hz 100 μ V
δ	< 4 Hz 200 μ V

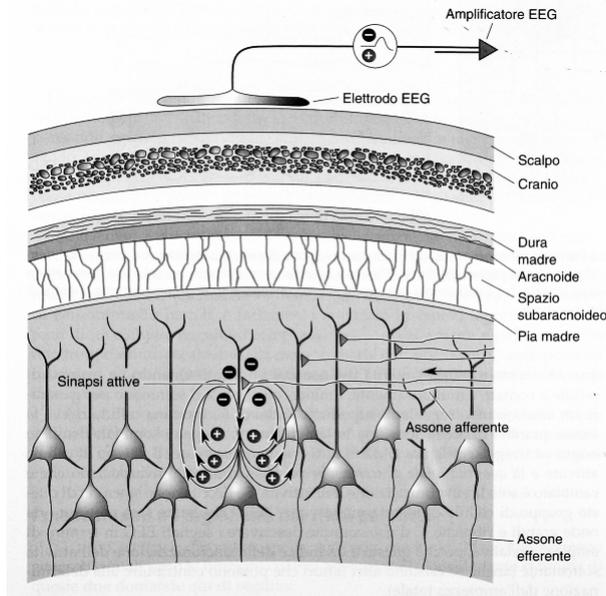
Differenze di attività



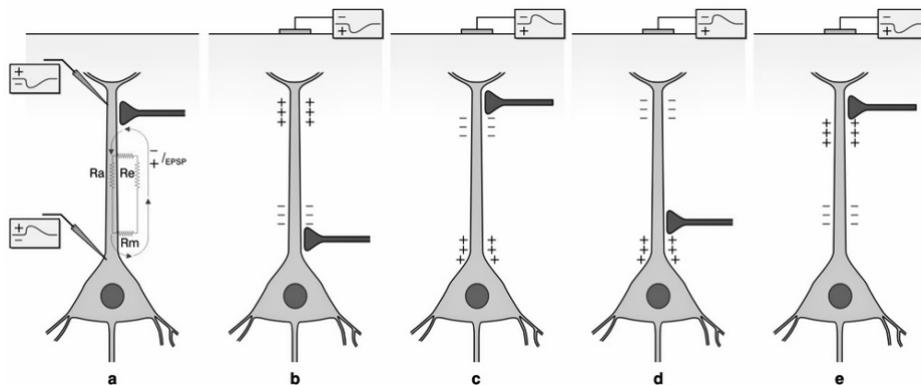
La “reazione di arresto”



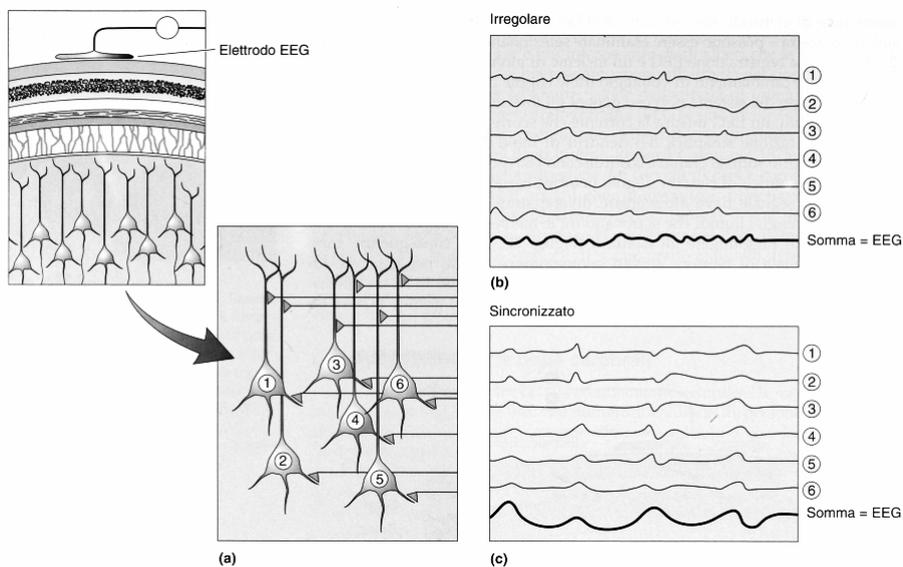
Genesi del'EEG



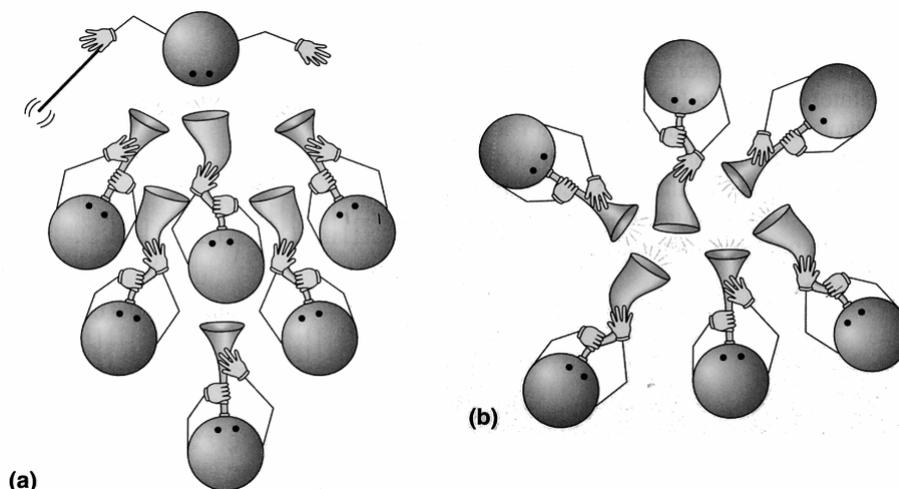
Genesi dell'EEG



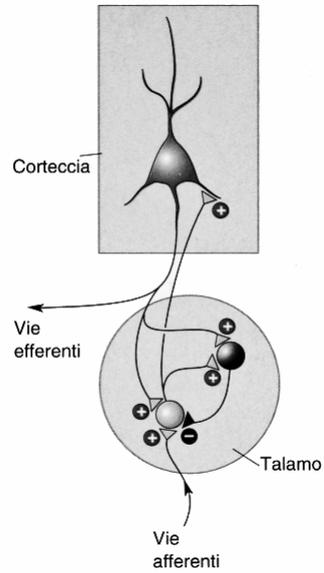
La sincronizzazione



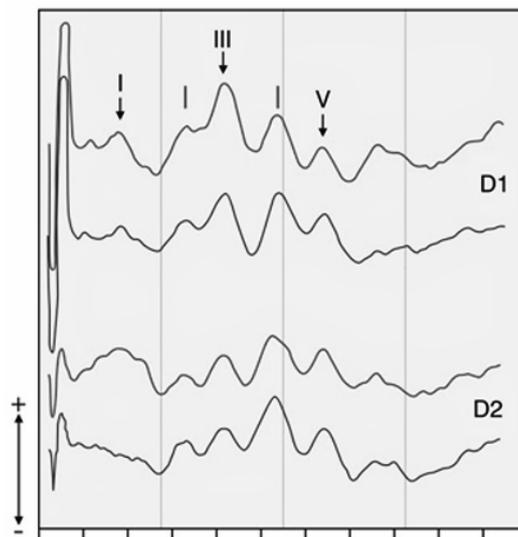
Meccanismi di sincronizzazione



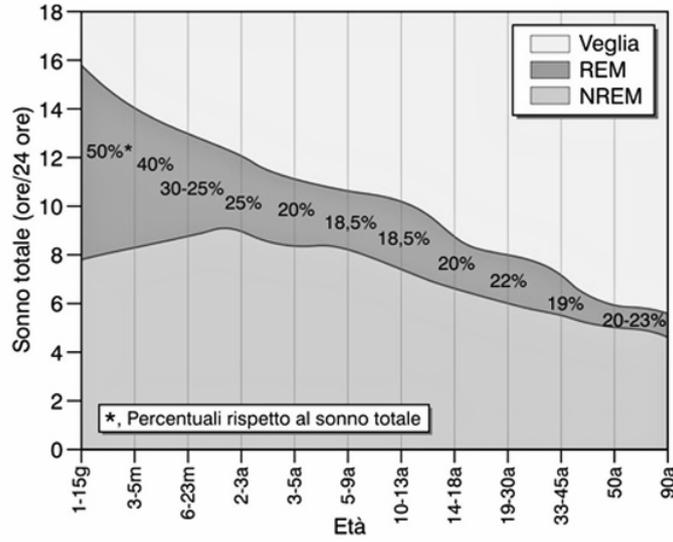
Meccanismi di sincronizzazione



I potenziali evocati (uditivi)

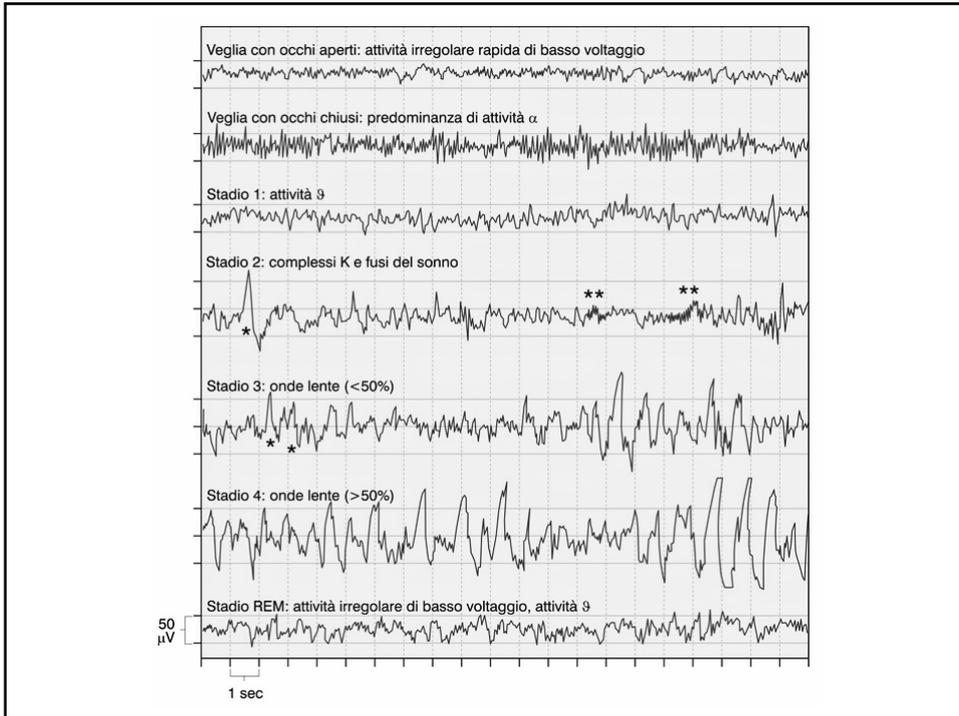


Il sonno

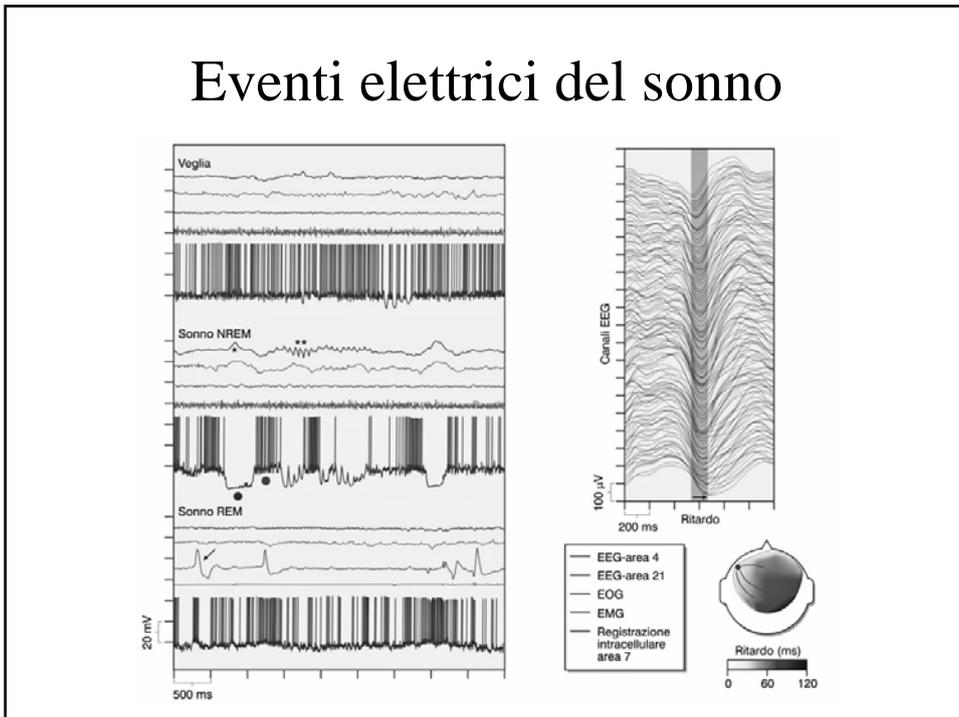


Le fasi del sonno

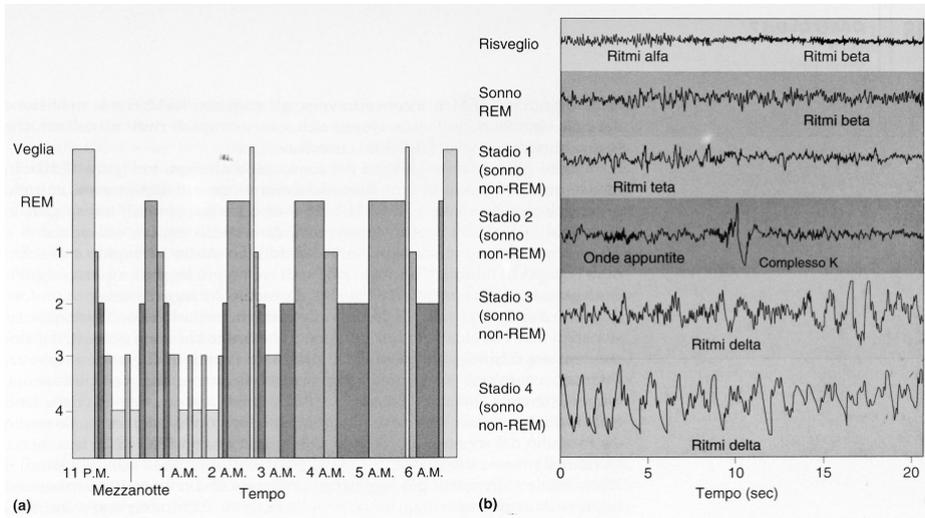
	Wake	NREM sleep	REM sleep
Behavior			
Awake		Stages 1, 2, 3, 4	REM
Polygraph			
EMG			
EEG			
EOG			
Sensation and perception	Vivid, externally generated	Dull or absent	Vivid, internally generated
Thought	Logical Progressive	Logical Perseverative	Illogical Bizarre
Movement	Continuous Voluntary	Episodic Involuntary	Commanded but inhibited



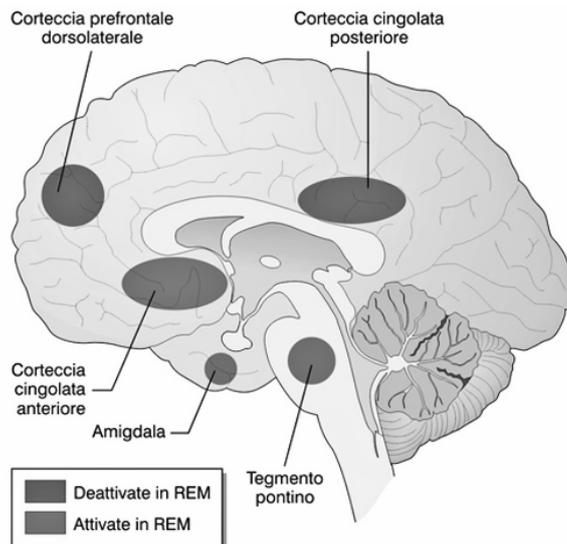
Eventi elettrici del sonno



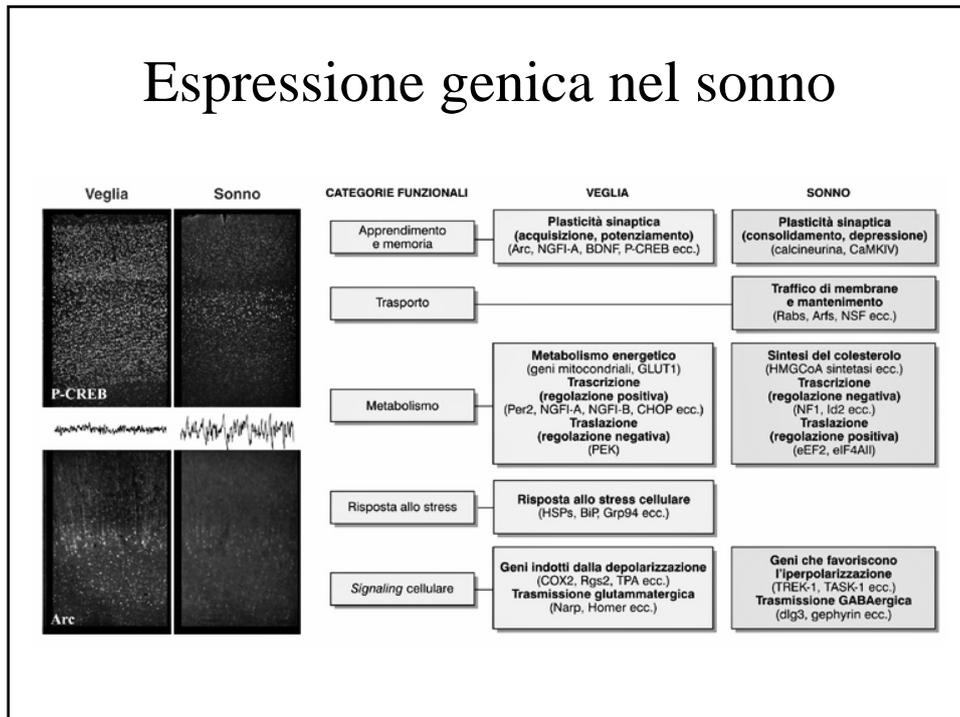
Composizione del sonno



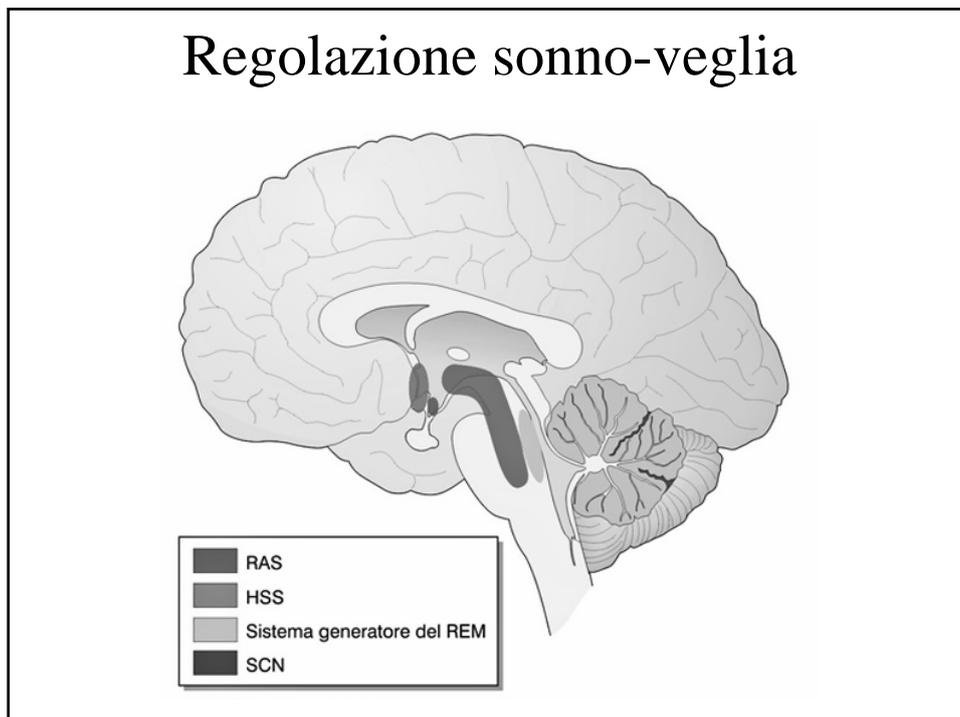
Attività cerebrale nel sonno



Espressione genica nel sonno



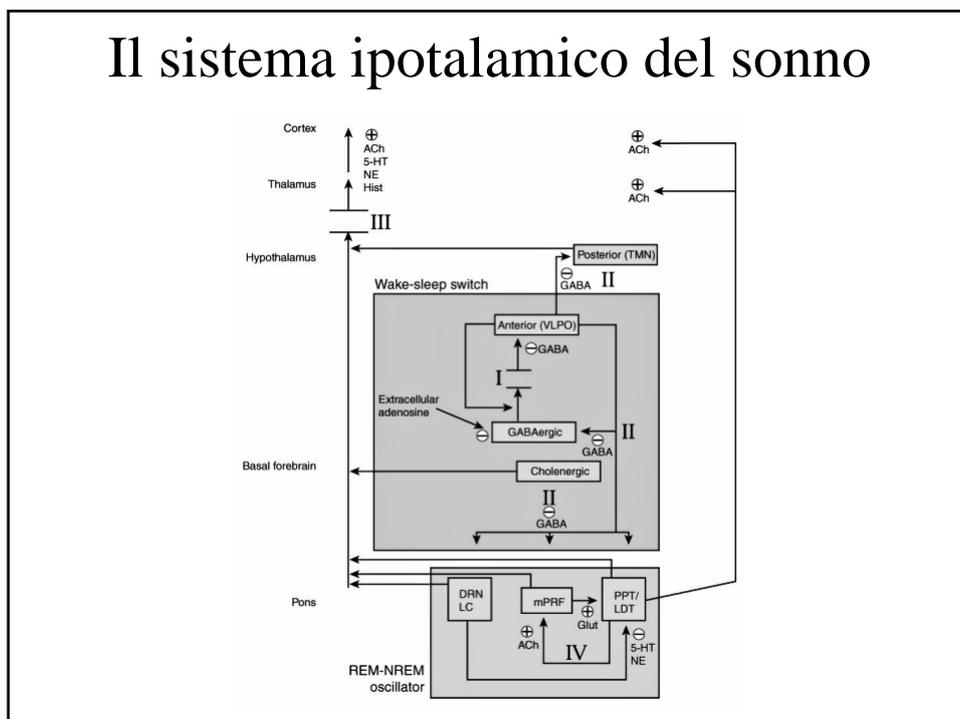
Regolazione sonno-veglia



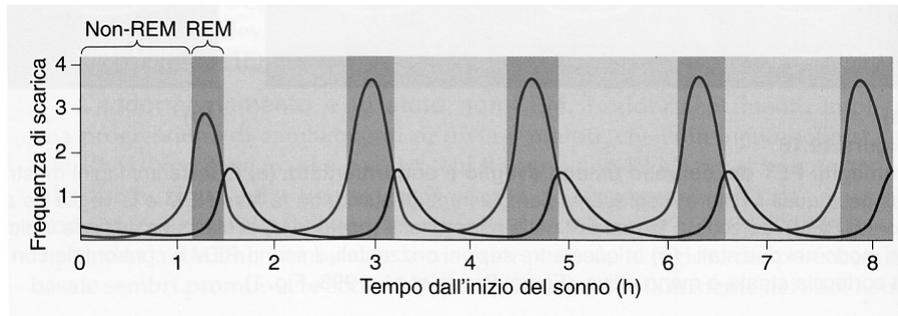
Il sistema reticolare attivante



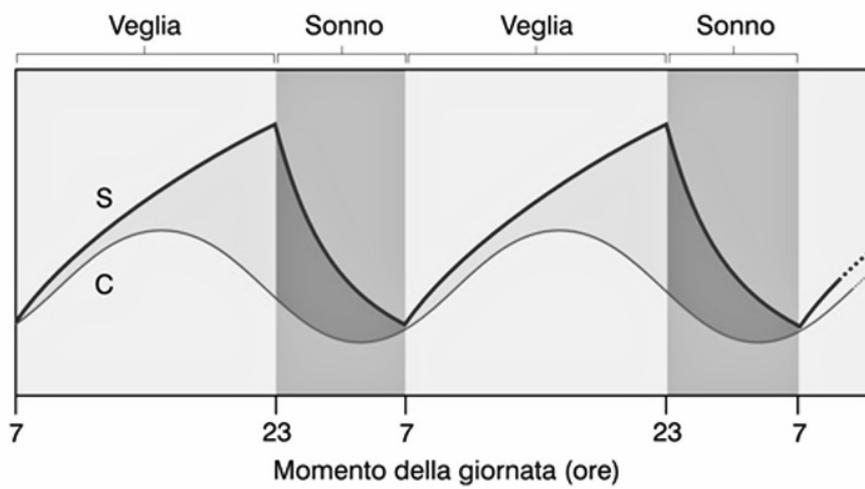
Il sistema ipotalamico del sonno



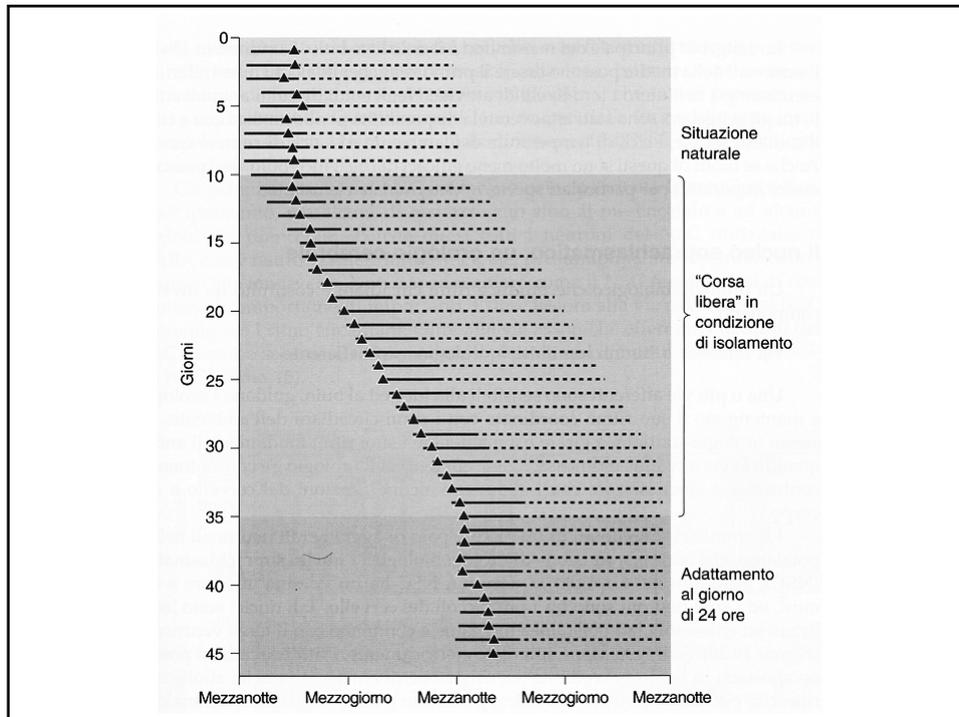
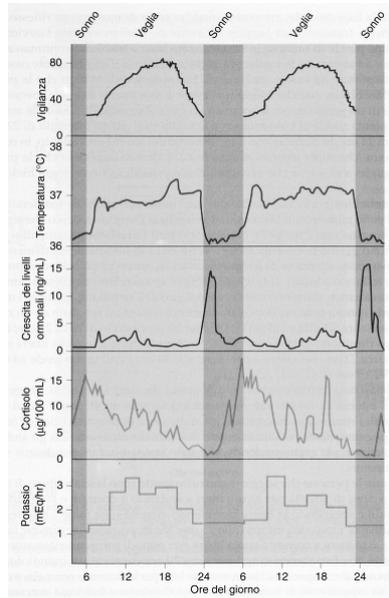
Controllo del sonno REM



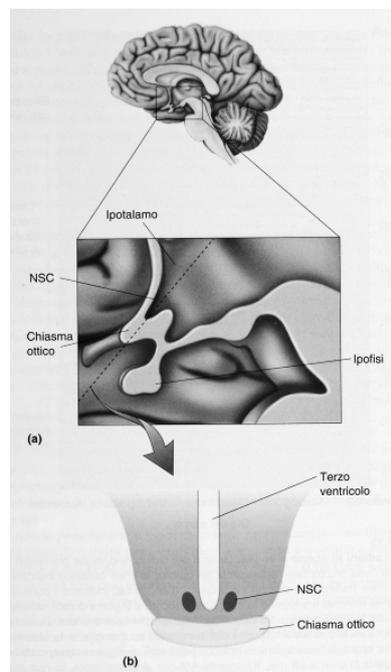
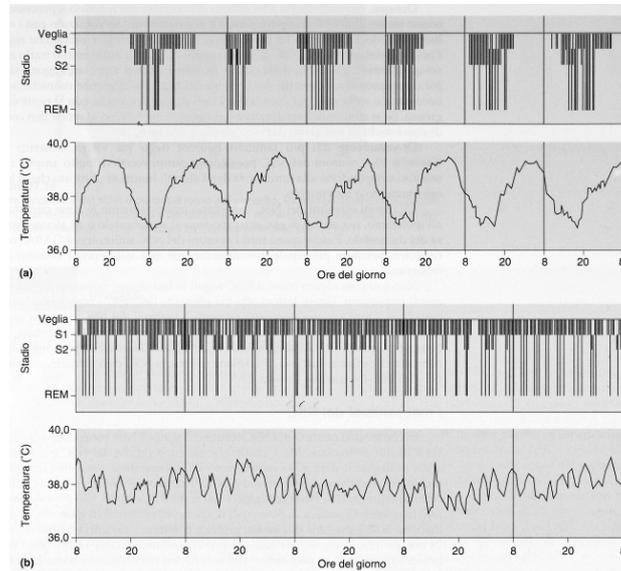
Alternanza sonno-veglia



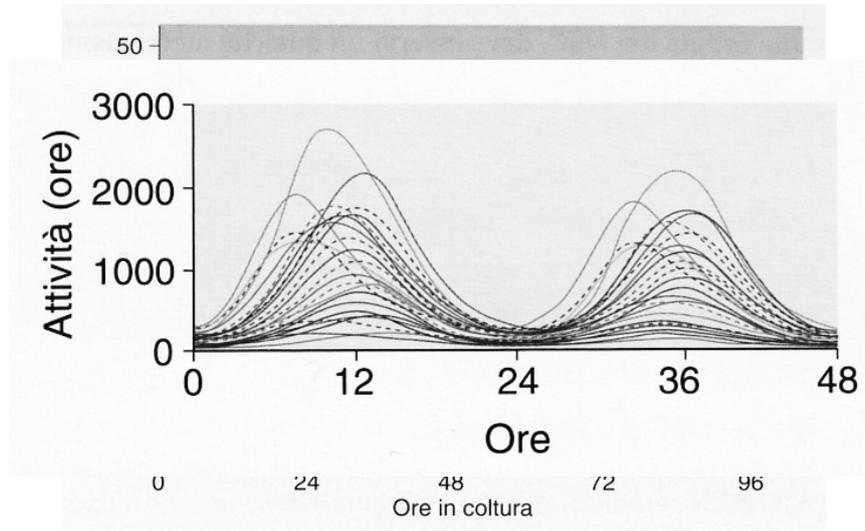
I ritmi circadiani



Il nucleo soprachiasmatico



Caratteristiche dei neuroni del SCN



Funzione del sonno

