

1. Record Nr.	UNINA9910451507803321
Autore	Marani Enrico
Titolo	The subthalamic nucleus . Part 1 Development, cytology, topography, and connections [[electronic resource] /] / Enrico Marani ... [et al.]
Pubbl/distr/stampa	Berlin, : Springer, c2008
ISBN	1-281-86246-0 9786611862466 3-540-79460-3
Edizione	[1st ed. 2008.]
Descrizione fisica	1 online resource (129 p.)
Collana	Advances in anatomy, embryology, and cell biology ; ; v. 198
Disciplina	573.86
Soggetti	Subthalamus Subthalamus - Cytology Subthalamus - Development Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cytology of the Subthalamic Nucleus -- Ontogeny of the Subthalamic Nucleus -- Topography of the Rat, Cat, Baboon and Human Subthalamic Nucleus -- Connections of the Subthalamic Nucleus -- Nigro-Subthalamic Connections in the Rat.
Sommario/riassunto	This monograph gives an overview of the STN. It treats the position of the STN in hemiballism, based on older and recent data. The cytology encompasses the neuronal types present in the STN in nearly all studied species and focuses on interneurons and the extent of their dendrites. Ultrastructural features are described for cat and baboon (F1, F2, Sr, LR1, LR2 boutons and d.c.v. terminals, together with vesicle containing dendrites), the cytochemistry is focused on receptors (dopamine, cannabinoid, opioid, glutamate, GABA, serotonin, and cholinergic-, purinergic ones) and calcium binding proteins and calcium channels. The development of the subthalamic nucleus from the subthalamic cell cord is given together with its developing connections. The topography of rat, cat, baboon and man is worked out as to cytology, sagittal borders, surrounding nuclei and tracts, and aging of the human STN. The connections of the STN are extensively

elaborated on: cortical-, subthalamo-cortical-, pallidosubthalamic-, pedunculopontine-, raphe-, thalamic-, central grey-, and nigral connections. Emphasis is put on human connections. Recent nigro-subthalamic studies showed a contralateral projection. The role of the STN in the basal ganglia circuitry is described as to the direct, indirect and hyperdirect pathway. The change the STN undergoes in Parkinson's disease in neuronal firing rate and firing pattern is demonstrated together with the possible mechanisms of deep brain stimulation. The results of in vitro measurements on dissociated cultured subthalamic neurons are presented. The preliminary effects of application of acetylcholine and high frequency stimulation are described. This part is preceded with studies concerning spontaneous activity, depolarizing and hyperpolarizing inputs, synaptic inputs, high frequency stimulation, and burst activity of STN cells. The last extensive part concerns STN cell models and simulation of neuronal networks. Single cell models (model of Otsuka and Terman/Rubin) are compared and the multi-compartment model of Gillies and Willshaw is explored. The globus pallidus externus-STN network as proposed by Terman is briefly described. The monograph finishes with a series of interpretations of the results.

2. Record Nr.	UNISA996390710203316
Autore	Lipsius Justus <1547-1606.>
Titolo	Iusti Lipsi tractatus, ad historiam Romanam cognoscendam apprime vtilis [[electronic resource]] : 1 De magistratibus veteris P. Romani. 2 Pecunia veterum Romanorum. 3 Nominibus Romanorum. 4 Ritu conviviorum apud Romanos. 5 Supplicio crucis. 6 Censura & censu. 7 Anno, eiusq; ratione & intercalatione
Pubbl/distr/stampa	Cantabrigiæ, : Ex officina Iohannis Legate, inclytæ academix typographi, 1607
Descrizione fisica	[76] p
Soggetti	Rome Antiquities Early works to 1800
Lingua di pubblicazione	Latino
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Signature: A-E (-A1, E8, blank?). Identified as STC 15703a on UMI microfilm. Reproduction of the original in the Folger Shakespeare Library.
Sommario/riassunto	eebo-0055

3. Record Nr.	UNINA9910712867203321
Titolo	Efficiency and resiliency in federal building design and construction : hearing before the Subcommittee on Economic Development, Public Buildings, and Emergency Management of the Committee on Transportation and Infrastructure, House of Representatives, One Hundred Sixteenth Congress, first session, June 11, 2019
Pubbl/distr/stampa	Washington : , : U.S. Government Publishing Office, , 2019
Descrizione fisica	1 online resource (vii, 72 pages)
Soggetti	Sustainable buildings - United States - Design and construction Public buildings - Energy conservation - United States Sustainable buildings - Standards - United States Public buildings - Energy conservation Sustainable buildings - Design and construction Legislative hearings. United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"116-20." Access ID (govinfo): CHRG-116hhrg38459.
Nota di bibliografia	Includes bibliographical references.