Distúrbios da Consciência Humana – Parte 1 de 3: Bases Neurobiológicas

Disorders of Human Consciousness - Part 1 of 3: Neurobiological Basis

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RESUMO

A consciência é o perfeito estado do conhecimento de si poóprio e do ambiente, bem como a responsividade específica a variados estimulos internos e externos. O presente artigo tem por objetivo apresentar os aspectos morfofuncionais, fisiopatológicos e as bases neurobiológicas das mais prevalentes condições mórbidas que envolvam alterações do nivel de consciência. Para tal, foi realizada uma revisão da literatura apoiada em artigos obtidos através das bases LILACS (Literatura Latino-Americana e do Caribe em Ciências da Saúde), SciELO (Scientific Electronic Library Online) e PubMed (U. S. National Library of Mealicine), além de livros-texto de neurología e de neurociências. Neste primeiro artigo enfoca-se (1) a formação reticular - importante estrutura nervosa relacionada à consciência --, a qual é constituida por um conjunto de fibras nervosas originadas posteriormente ao tronco encefálico, que formam feixes ascendentes capares de atingir o diencéfalo e ativar o telencéfalo. Distúrbios nestas áreas, de origem traumática ou não, podem levar ao comprometimento das funções tillamo-corticais e, consequentemente, a alterações do nível de consciência.

Unitermos, Transtornos da Consciência, Neurobiologia, Neurociéncias,

Citação. Mendes PD. Maciel MS. Brandão MVT. Rozental-Fernandes PC. Esperidião Antonio V. Kodaira SK. Siqueira-Batista R. Distúrbios da Consciêrscia Humana — Parte 1 de 3: Bases Neurobiológicas.

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ABSTRACT

The conscience is the perfect state of knowledge of self and the envicomment, as well as the specific responsiveness to various internal and external stimuli. This article aims to present the morphofunctional and pathophysiological aspects and the neurobiological bases for the most prevalent morbid conditions involving changes in the level of consciousness. For this purpose, we reviewed the literature, supported by articles obtained from LILACS (Latin American and Caribbean Health Sciences). Scielo (Scientific Electronic Library Online) and PubMed (U.S. National Library of Medicine) databases, in addition to textbooks on neurology and neuroscience. In this first article focuses on (1) reticular formation - an important neural nerve strucnare related to consciousness -, which consists of a set of nerve fibers originating after the brain stem, which form ascendant bundles able to reach the diencephalon and activate the telescephalos. Disturbances in these areas, whether traumatic or not, can lead to impairment of the thalamocortical functions, and hence to changes in the level of CONTRACTOR STATES

Keywords, Consciousness Disorders, Neurobiology, Neurosciences.

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web choose 1 answer paracrine signaling allows neighboring cells to communicate over relatively short distances a paracrine signaling allows neighboring cells to communicate over relatively short distances in endocrine signaling signals are released from a cell and bind to receptors on its own cell membrane b

introduction to cell signaling article khan academy - May 12 2023

web in autocrine signaling a cell signals to itself releasing a ligand that binds to receptors on its own surface or depending on the type of signal to receptors inside of the cell this may seem like an odd thing for a cell to do but autocrine signaling plays an important role in many processes

cell communication and cell cycle ap college biology khan academy - Dec 07 2022

web in this unit you ll learn about how cells communicate with one another how cells divide and how problems can arise

when these processes go wrong prepare to dive deep into the inner workings of cells cell membranes problem set university of arizona - Mar 10 2023

web instructions the following problems have multiple choice answers correct answers are reinforced with a brief explanation incorrect answers are linked to tutorials to help solve the problem overview receptors signal responses i signal responses ii kinds of signals bacterial cell signaling

apoptosis cell signaling questions and answers sanfoundry - Jun 01 2022

web this set of cell biology multiple choice questions answers mcqs focuses on cell signaling and signal transduction apoptosis 1 which of the following type of cells recognize and kill the abnormal pathogen infected cells

ap biology 2021 free response questions ap central - Sep 04 2022

web biology section ii time 1 hour and 30 minutes 6 questions directions questions 1 and 2 are long free response questions that require about 25 minutes each to answer questions 3 through 6 are short free response questions that require about 10 minutes each to answer read each question carefully and completely

cell signaling systems questions and answers sanfoundry - Aug 03 2022

web this set of cell biology multiple choice questions answers mcqs focuses on cell signaling systems 1 how many types of cell signaling are there a 1 b 2 c 3 d 4 view answer 2 in which type of signaling the cell that expresses messenger molecules also produces receptors a autocrine b heterocrine c paracrine d endocrine view