

Neurovascular Complication of Hematologic Disorders

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Description

With the high spatial resolution of magnetic resonance imaging (MRI) particularly for the soft tissue such as in brain and non-ion radiation involved, the integrative positron emission tomography (PET)/ MRI system is expected to provide almost equivalent image quality compared with PET alone or PET/CT system, and simultaneous MRI information that is not conventionally available. PET-MRI opens new horizons in multi-parametric neuroimaging for clinical research that allows simultaneous imaging of multiple parametric changes such as blood flow and metabolism at the same time. While MRI could provide superior structural information, applying MRI anatomical priors to reduce the PET partial volume effect could be achieved to improve spatial resolution of PET images for clinical and research usages Objectives: It is well established that the interaction between Ca²⁺ and cAMP signalling pathways is as a vital cellular process in mammals. This classical concept assumes that these signalling pathways virtually exist in all mammalian cells, modulated by adenylyl cyclases (ACs) and phosphodiesterases (PDEs). In addition, endoplasmic reticulum (ER) Ca²⁺ channels have particularly been a forefront for the interaction between Ca²⁺ and cAMP signalling pathways field, such as Ca²⁺ channels modulated by ryanodine receptors (RyR). We reinforced the idea that the interaction between Ca²⁺ and cAMP signalling pathways plays a fundamental participation in the modulation of neurotransmitter release from neurons and neuroendocrine cells Then, the interaction of Ca²⁺ and cAMP signalling pathways could be a new therapeutic goal for pharmaceuticals.

Her scientific activity is focused on early diagnosis of cognitive impairment in neurodegenerative neurocognitive disorders. She is a graduate of the Hellenic Red Cross Nursing School as well as of the Department of Sociology (Panteion University of Athens). She completed postgraduate studies at the Department of Social and Educational Policy of the University of Peloponnese with specialization in the field of "Health Institutions and Policies". She has been working as a nurse in the Greek Red Cross since 2001 and as scientific scholar of the Department of Nursing (Western Greece University of Applied Sciences) since 2016. Such issues come back at a high personal and social price. Across EU countries, over 84,000 folks died because of mental state issues or by suicide in 2015. raise this folk with mental state issues United Nations agency die untimely from physical causes, like untreated chronic diseases. the prices associated with mental ill- health within the EU-28 are calculable to possess exceeded four-dimensional of gross domestic product, or quite €600 billion, in 2015. This includes each direct defrayal on health systems and Social Security programmes, and indirect prices associated with the likes of lower employment and lower productivity. These are conservative estimates, as they are doing not take into account social insurance or work-injury advantages, or the actual fact that the prices of treating a physical illness tend to be higher if the patient additionally includes a psychopathy