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Novel Concepts for Neurology and Medicine

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Description

With the high spatial resolution of glamorous resonance imaging (MRI) particularly for the soft towel similar as in brain and nonion radiation involved, the integrative positron emigration tomography (PET)/ MRI system is anticipated to give nearly original image quality compared with PET alone or PET/ CT system, and contemporaneous MRI information that isn't conventionally available PET-MRI opens new midairs inmultiparametric neuroimaging for clinical exploration that allows contemporaneous imaging of multiple parametric changes similar as blood inflow and metabolism at the same time. While MRI could give superior structural information, applying MRI anatomical priors to reduce the PET partial volume effect could be achieved to ameliorate spatial resolution of PET images for clinical and exploration usages Objects It's well established that the commerce between Ca2 and cAMP signalling pathways is as a vital cellular process in mammalians. This classical conception assumes that these signalling pathways nearly live in all mammalian cells, modulated by adenylyl cyclases (ACs) and phosphodiesterases (PDEs). In addition, endoplasmic reticulum (ER) Ca2 channels have particularly been a van for the commerce between Ca2 and cAMP signalling pathways field, similar as Ca2 channels modulated by ryanodine receptors (RyR). We corroborated the idea that the commerce between Ca2 and cAMP signalling pathways plays a abecedarian participation in the modulation of neurotransmitter release from neurons and neuroendocrine cells. Also, the commerce of Ca2 and cAMP signalling pathways could be a new remedial thing for medicinals.

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