

1ST LATIN AMERICAN WORKSHOP ON NEUROBIOLOGY OF EPILEPSY: LOOKING FOR NEW THERAPEUTIC STRATEGIES FOR PHARMACORESISTANT EPILEPSY

09:00 - 10:30

Gran Cancún 2

MODELS TO EVALUATE EPILEPSY AND PHARMACORESISTANCE

Chair: Sandra OROZCO SUÁREZ (Mexico)

Proechymis guyanensis: an experimental model of anti-epilepsy

Esper CAVALHEIRO (Brazil)

Zebrafish as a tool in experimental epilepsy

Jose G. ORTIZ (Puerto Rico)

Salivary drug monitoring in patients with pharmacoresistant epilepsy: a model for identifying efflux transporter overexpression

Pietro FAGIOLINO (Uruguay)

Animal models of epilepsy: use and limitations

Norberto GARCÍA-CAIRASCO (Brazil)

10:30 - 12:00

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NEW TARGETS TO CONTROL EPILEPSY

Chair: José E. CAVAZOS (USA)

Evaluation of inflammatory mediators in brain of patients with pharmacoresistant epilepsy and their contribution to the epileptogenesis process

Lourdes del Carmen LORIGADOS PEDRE (Cuba)

Blood brain barrier as target to develop nano-drugs to overcome pharmacoresistant epilepsy and their contribution to the epileptogenesis

Argelia Rosillo DE LA TORRE (Mexico)

Role of mast cells in epilepsy and therapeutic potential of cromoglycate

Luisa Lilia ROCHA ARRIETA (Mexico)

Abnormalities of GABA system in developing brain and pharmacoresistant epilepsy: looking for new targets

Sandra OROZCO SUÁREZ (Mexico)

12:00 – 13:00

POSTER SESSION

Poster Area

14:00 - 16:00

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LOOKING FOR THE BEST ANTI-EPILEPTIC TREATMENT

Chair: Norberto GARCÍA-CAIRASCO (Brazil)

Erythropoietin as a new anti-epileptogenic therapeutic opportunity in refractory epilepsy

Alberto LAZAROWSKI (Argentina)

Induction of seizures such as consequence of repeated administration of anti-epileptic drugs: phenytoin and valproic acid

Marta VÁZQUEZ (Uruguay)

Utopia or reality: can we design drugs to overcome drug resistance?

José E. CAVAZOS (USA)

Why do we fail? The necessity to improve the paradigms for the development of new anti-epileptic drugs

Alan TALEVI (Argentina)

Physical exercise as complementary therapy for epilepsy: proven and predicted benefits

Ricardo M. ARIDA (Brazil)

16:00 - 16:30

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CLOSING REMARKS

Chair: Luisa Lilia ROCHA ARRIETA (Mexico)

Emilio PERUCCA (Italy)