INTERNATIONAL CONFERENCE OF PHYSIOLOGICAL SCIENCES 2012
2012国际生理学学术大会
November 1-4, 2012 Suzhou, China 2012年11月1-4日 中国·苏州

Program

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Chinese Association for Physiological Sciences (CAPS)

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The American Physiological Society (APS)
The Australian Physiological Society (AuPS)
Brazilian Society of Physiology (SBFIS)
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International Union of Physiological Sciences (IUPS)
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International Conference of Physiological Sciences 2012
Physiology and Medicine: Bridging Bench and Bedside
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Jia-Wei Zhou, Institute of Neuroscience, Chinese Academy of Sciences
Da-Nian Zhu, Fudan University
Symposium 6: Molecular mechanisms in physiology and disease (The Australia Physiological Society Symposium)

Co-chairs: Stefan Broer, The Australian National University, Australia
           Yun Wang, Peking University, China

Meeting Room 102

15:00-15:25 S6-1 The role of epithelial transport in amino acid homeostasis and disease
Stefan Broer, The Australian National University, Australia

15:25-15:50 S6-2 Aquaporin channels as therapeutic targets in brain edema and cancer
Andrea Yool, The University of Adelaide, Australia

15:50-16:15 S6-3 Heat shock protein 72: a panacea for disease prevention?
Mark Febbraio, Baker IDI Heart and Diabetes Institute, Australia

16:15-16:40 S6-4 Negative modulation of NMDA receptor channel function by DREAM/calsenilin/KChIP3 provides neuroprotection?
Yun Wang, Peking University, China

16:40-17:05 S6-5 Molecular mechanisms underlying oxidation effects on skeletal muscle function
GD Lamb, La Trobe University, Australia

Symposium 7: Frontiers in pain physiology - from receptors to higher functions (The Physiological Society of Japan Symposium)

Co-chairs: Junichi Nabekura, National Institute for Physiological Sciences, Japan
           Fusao Kato, Jikei University, Japan

Meeting Room 103

15:00-15:25 S7-1 Visualization of chronic pain-induced cortical plasticity
Junichi Nabekura, National Institute for Physiological Sciences, Japan

15:25-15:50 S7-2 Role of C fiber afferents in neuropathic pain-induced amygdala plasticity
Fusao Kato, Jikei University, Japan

15:50-16:15 S7-3 Molecular mechanisms of nociception through TRPA1 activation
Makoto Tominaga, Okazaki Institute for Integrative Bioscience, Japan

16:15-16:40 S7-4 Involvement of ERK-CREB-SIP30 pathway in europathic pain
Yu-Qiu Zhang, Fudan University, China

16:40-17:05 S7-5 Follistatin-like 1 and neuropathic pain mechanisms
Xu Zhang, Shanghai Institutes for Biological Sciences, China
<table>
<thead>
<tr>
<th>Poster No.</th>
<th>Presenting author</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>P6-62</td>
<td>LI Dongliang</td>
<td>The effect of hydrogen sulfide on PC12 cell injury induced by the higher concentration of extracellular ATP</td>
</tr>
<tr>
<td>P6-63</td>
<td>WANG Li-Wen</td>
<td>Electrophysiological characteristics of telencephalon of the salamander hynobiusleechii in process of occurrence and development</td>
</tr>
<tr>
<td>P6-64</td>
<td>ZHAO Zhao</td>
<td>MicroRNA-181a is involved in IGF-1 mediated regulation of CREB1 expression in PC12 cells</td>
</tr>
<tr>
<td>P6-65</td>
<td>ZHANG Wen</td>
<td>Effect and mechanism of morphine on the inhibitory transmission of dopamine neurons in the rat ventral tegmental area</td>
</tr>
<tr>
<td>P6-66</td>
<td>JIA Huixian</td>
<td>He time window of the brain protective role of limb ischemic preconditioning in CA1 hippocampus in rats</td>
</tr>
<tr>
<td>P6-67</td>
<td>LI Chengzhang</td>
<td>Nicotine receptor activation enhanced fast network gamma oscillations in rat hippocampal CA3 area</td>
</tr>
<tr>
<td>P6-68</td>
<td>Qi Cai</td>
<td>Cyclin dependent kinase 5 contributes to inflammatory pain by promoting anterograde trafficking of TRPV1 through KIF13B</td>
</tr>
<tr>
<td>P6-69</td>
<td>WANG Ning</td>
<td>Disruption of Cdk5-Associated Phosphorylation of Residue Threonine-161 of the delta-opioid Receptor: Attenuated Morphine Antinociceptive Tolerance in normal and inflammatory pain rats</td>
</tr>
<tr>
<td>P6-70</td>
<td>LI Gang</td>
<td>PLD1 negatively regulates dendritic branching</td>
</tr>
<tr>
<td>P6-71</td>
<td>LI Yuming</td>
<td>FKBP12.6 knockout affect ADP-ribosyl cyclase expression and function of hippocampus in mice</td>
</tr>
<tr>
<td>P6-72</td>
<td>CHEN Ming</td>
<td>Mechanism of morphine on the excitability of dopamine neurons in the rat ventral tegmental area</td>
</tr>
<tr>
<td>P6-73</td>
<td>LI Yan</td>
<td>Exercise improve the GABAergic neurons autonomic regulation in the hypothalamus paraventricular nucleus of old rats</td>
</tr>
<tr>
<td>P6-74</td>
<td>CHEN Yao</td>
<td>Three dimensionally controlled optical fiber light source directs neurite growth</td>
</tr>
<tr>
<td>P6-75</td>
<td>HU Jinfeng</td>
<td>Protective effects of polygalasaponin f on PC12 cells injured by serum deprivation, oxidative stress or oxygen-glucose deprivation</td>
</tr>
<tr>
<td>P6-76</td>
<td>ZOU Wei</td>
<td>Expression of estrogen receptor alpha 36 in brain undergoing cerebral ischemia reperfusion</td>
</tr>
<tr>
<td>P6-77</td>
<td>YANG Yiling</td>
<td>Indomethacin protects rats from traumatic brain injury–induced neuronal damage by suppression of hippocampal IL-1β and Nogo-A expression</td>
</tr>
<tr>
<td>P6-78</td>
<td>GAO Qian</td>
<td>The effect of H2S on the circadian locomotor rhythm of mice</td>
</tr>
<tr>
<td>P6-79</td>
<td>GU Yan</td>
<td>Amylin excites a subset of arcuate nucleus neurons and intra-arcuate amylin regulates energy balance in rat</td>
</tr>
<tr>
<td>P6-80</td>
<td>WANG Yanqin</td>
<td>Protective effects of ethyl acetate extract from chroogomphus on the degeneration of dopaminergic neurons induced by LPS</td>
</tr>
<tr>
<td>P6-81</td>
<td>ZHAO Yanqin</td>
<td>Sexual arousal, a role of histamine and orexins?</td>
</tr>
<tr>
<td>P6-82</td>
<td>GAO Xinyan</td>
<td>NMDA receptor-dependent synaptic activity in dorsal motor nucleus of vagus mediates the upregulation of gastric motility by stimulating ST36</td>
</tr>
<tr>
<td>P6-83</td>
<td>QIAO Haifa</td>
<td>14-3-3 regulates hippocampal long-term potentiation in mice</td>
</tr>
<tr>
<td>P6-84</td>
<td>ZOU Wei</td>
<td>Voltage-gated potassium channel Kv1.5 protects against MPP+ mediated neurotoxicity in PC12 cells</td>
</tr>
<tr>
<td>P6-85</td>
<td>ZOU Wei</td>
<td>Estrogen receptor-alpha-36 not ER-α66 contribute to neuroprotection of low concentration of E2 against OGD in PC12 cells</td>
</tr>
</tbody>
</table>