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## ACUPUNCTURE ANALGESIA, ADVANTAGES AND LIMITATIONS

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**P**ain relief is a puzzle. Though no possible single theory can clarify the mechanism for acupuncture analgesia, acupuncture analgesia is the most acceptant treatment field clinically and basically. In recent years, we have studied the effect of acupuncture on inhibition of C-fiber reflex or RII reflex as a quantitative sensory test for acute pain or chronic pain to investigate the mechanism of acupuncture analgesia. Based on this methodology, we investigated homotopic and heterotopic acupuncture mediated by gate of spinal level and diffuse noxious inhibitory controls (DNIC) of supraspinal level. Additionally, we studied influential factors as caffeine and adenosine system and mechanism of glia-mast cell crosstalk on acupuncture analgesia. Our research demonstrated acupuncture

is characterized by irreplaceable advantages but with limitations on pain management.

### Biography

Prof. Gao Xinyan has completed her PhD from China Academy of Chinese Medical Sciences (CACMS), and postdoctoral studies from Baptist University of Hongkong 2009 and Medical University of Graz 2011. She is the director of Department of Physiology, Institute of Acupuncture. She has published more than 30 papers in reputed journals and has been serving as an editorial board for several peer reviewed journals. Her research has been supported by National Natural Scientific Foundation of China for 4 times.

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