



---

**25<sup>th</sup> May 2010**

# **Neuroscientific based of Acupuncture**

**Dr. Koosnadi Saputra**

---

## **INTRODUCTION**

During his short visit to the Netherlands, Dr Koosnadi Saputra will be giving a lecture at Hwa To University on the Neuroscientific based of Acupuncture. Do not miss this opportunity to attend an interesting lecture!

## **LECTURE CONTENTS**

Dr Saputra's lecture will inform the participants on the scientific approach to modern acupuncture. The subtitles of his lecture will be:

1. Neuro imaging
2. Neuroscientific based. Of acupuncture
3. Ear acupuncture technique as neuroscience model
4. Neuroendocrine. Approach to aesthetic acupuncture

Acupuncture was discovered and developed through thousands of years experimentations and this treatment was based on balanced phenomena and the medical recording, it can be compiled terminology in the human and animal bodies in the form of acupuncture mapping and stimulation pathways leading to target organ which may effect the physiological organs.

Although these empiric phenomena as alternative medical treatments, but the existence of stimulation from acupoint as well as stimulation pathways need to be explained scientifically by research and several approaches of basic medical sciences.

The most essential element in understanding the basic mechanism if the needle puncture through the surface body going to acupuncture points, as shown by the explanation have opened up four dimensions of thought revealed new aspects of scientific approach of acupuncture by biomolecular, biophysics to opened inflammation reaction, intercellular transduction, cutaneo – somato – visceral reflex and neuro transmission of the brain. Somato sensory input from the body is processed in the dorsal horn of the spinal cord after injury or induced segmental and visceral effects contents straight influences internal organ. Most action of acupuncture stimulations are initiated by sensory input will project by major route to the brain as complex pathways is the basic neuroscience approaches of acupuncture.



## About Dr. Koosnadi Saputra

<b>Since 1992</b>	Researcher at Centre for Health Policy and Systems Research and Development Ministry of Health, Republic of Indonesia
<b>Other:</b>	Chairman of Acupuncture Research Laboratory
	Builder of Acupuncture Academy of Surabaya
	Researcher Institute Airlangga University
	Chairman of Integrated and Complementary Cancer Clinic Wisnuwardhana Cancer Society Surabaya
	Consultant Radiology – CT Scan Department Adi Hasada Hospital Surabaya
<b>Research areas:</b>	Acupuncture Appropriate Technology in Health Services
	Basic Science Research in Acupuncture
	The effect of stimulation on acupoints on the immune system in animals
	Acupuncture in Anatomy Physiology Correlation

## Details



Lecturer: Dr. Koosnadi Saputra  
Date: Tuesday, 25 May 2010  
Time: 16.00 – 21.00 hrs  
Language: English  
Location: Raadzaal, Hwa To International University of TCM,  
Raadhuisstraat 86, Koog aan de Zaan, The Netherlands  
Registration: Please fill in attached registration form

No accreditation has been requested.

## Fees

Participation fee is € 35,- per person.

Discounts are available for Hwa To University students and Hwa To University alumni, see below.

<b>Groups</b>	<b>Fees &amp; discounts</b>
Normal participant	€ 35,-
Alumni Hwa To	€ 25,-
Students Hwa To	€ 15,-

## Payment

For information about payment and bank transfers, please, see attached registration form.