



Bio-Sensors, Biochips and Nano-Probes for Nanomedicine

Session 503: Chair's Introduction

08:30-10:30, October 27th, 2016 (Thursday)

Place: Changi Room 1, 4th Floor

See Web <http://molpit.org/page/68> ; 64; 71 etc.

BIT's 6th Annual World Congress of Nano-S&T 2016

Theme: **Small is All, The Future of Nanotechnology**



Main items of the Session 503



- 針灸 ≈ 纳米医学 ~ **Nanomedicine** ≈ Acupuncture ~ ナノメディシン ≈ 鍼 = 鍼治療 ~ नैनो दवा ~ एक्यूंपक्चर ~ الوخز بالإبر ≈ النانوي ... etc.
 - (↑) nano ← micro ← macro ↔ (↓) macro → micro → nano

- Nano-Probes for Nanomedicine

- **Natural** nanoprobes
- There are no any definitions. So we can to introduce the definition:

**«Natural nanoprobes are
phages, viruses and cell organelles»**

- **Artificial** nanoprobes

There are **a lot different artificial** nanoprobes

- **Bio-Sensors, Biochips** Let's listen the reports today
- Biological measurement = only Biometrics in all Languages
 - Cell by cell = 逐个细胞 = 細胞による細胞 = सेल द्वारा सेल
 - Cell by tissue = 细胞组织 = 組織による細胞 = ऊतक द्वारा सेल
 - **Self-organization** = 自组织 = 自己組織化 = स्व-संगठन = التنظيم الذاتي
- Let's go to the Session 503



Harmony of a lot internal contradiction levels is Life

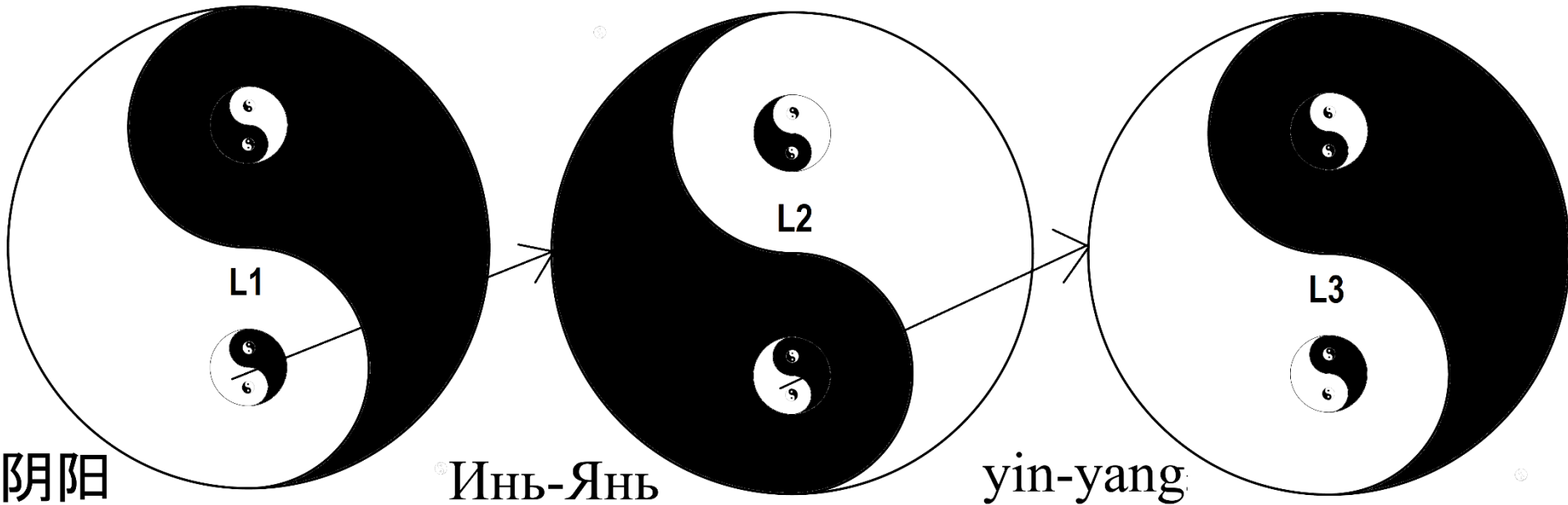


Nano

Micro

Meso

Macro



Nanomedicine formula \approx

Harmony of ☯ = 阴阳 \Rightarrow 養生學



Biological measures 生物学法



- Simplest with depth philosophy
 - 哲学深度的最简单的概念
- The simplest concept of medical depth
 - 医学深度的最简单的概念
 - 纳米医学 \approx 针灸 \sim Nanomedicine \approx
 - 哲 Philosophy
 - 医 Medical
- 針 Needle = action of nanoparticles on cells
 - 灸 = 艾灸 = 纳米颗粒对细胞的作用细胞
 - Cell \Leftrightarrow tissue \Leftrightarrow organism \approx 细胞组织生物

حياة 生活 **Action is life** 生活 जीवन