

# ΣΕΜΙΝΑΡΙΟ

Στα πλαίσια των σεμιναρίων του INA/ΕΚΕΤΑ σας προσκαλούμε σε παρουσίαση την **Παρασκευή, 4 Μαρτίου 2011**, ώρα **11:00 π.μ.**, στην **Αίθουσα Σεμιναρίων** του INA / ΕΚΕΤΑ

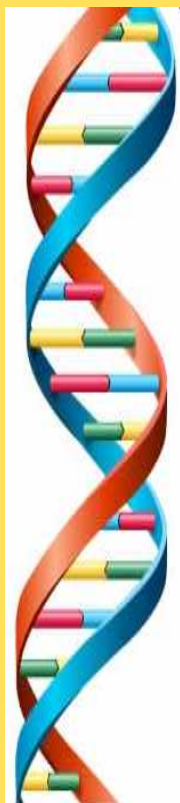
**Τίτλος:**

**Next Generation Sequencing**

**Ομιλητής:**

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σχετικές πληροφορίες:  
<http://www.genomics.cn/en/>

Major applications:

1. De novo Genome sequencing
2. DNA exon sequencing
3. RNA sequencing
4. Small RNA sequencing and non-coding RNA sequencing
5. Bisulfite sequencing
6. MeDIP/ChIP sequencing
7. Metagenomics

Major publications:

1. Initial sequencing and analysis of the human genome. *Nature*, 409, 860-921, (2001)
2. A draft sequence of the rice genome (*Oryza sativa* L. ssp. *indica*). *Science*, 296, 79-92, (2002)
3. The diploid genome sequence of an Asian individual. *Nature*, 456, 60-65, (2008)
4. Faster human genome sequencing. *Nature Biotechnology*, 27, 9, 820-821, (2009)
5. Complete resequencing of 40 genomes reveals Domestication events and genes in Silkworm (*Bombyx*). *Science*, 326, 433-436, (2009)
6. The genome of cucumber, *Cucumis sativus* L. *Nature Genetics*, 41, 12, 1275-1281, (2009)
7. Building the sequence map of the human Pan-genome. *Nature Biotechnology*, 28, 1, 57-63, (2010)
8. The sequence and de novo assembly of the giant panda genome. *Nature*, 463, 311-317, (2010)
9. Ancient human genome sequence of an extinct Palaeo-Eskimo. *Nature*, 463, 757-762, (2010)
10. A human gut microbial gene catalogue established by metagenomic sequencing. *Nature*, 464, 59-65, (2010)
11. Sequencing of 50 Human Exomes Reveals Adaptation to High Altitude. *Science*, 329, 75-78, (2010)