



# Slovenian NMR Centre

@ National Institute of Chemistry

vabi na **PREDAVANJE**:

**prof. dr. Naoki Sugimoto**

Frontier Institute for Biomolecular Engineering Research (FIBER) and FIRST

Konan University 7-1-20, Minatojima-minami, Chuo-ku,

Kobe, 650-0047, Japan

z naslovom:

## **The Race for Functional Nucleic Acids**

**v sredo, 7. oktobra 2015 ob 17:00**

v Veliki predavalnici na Kemijskem inštitutu, Hajdrihova 19, Ljubljana

*Kratek povzetek:*

Professor Thomas R. Cech, University of Colorado, USA, was awarded the Nobel Prize in chemistry in 1989. He demonstrated that RNA was a catalytic molecule, ribozyme. This is the first finding for new functional nucleic acids. The 1980s to the present saw the discovery of many other DNA and RNA with new activities and the flowering of nucleic acids chemistry. In this lecture, Prof. Naoki Sugimoto, Konan University, Japan will talk about the new functional nucleic acids with the history, race, and recent progress including his FIBER's works.

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