Singapore, November, 2015

**Two Senior Research Fellow positions in food-related microbiology at Nanyang Technological University, Singapore**

Nanyang Technological University (NTU) is strengthening its activities relative to food science, food safety and security. As part of this, NTU reaches out to young researchers with a strong background in food-related scientific fields, especially focused on the application of Next Generation Sequencing.

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| **Senior Research Fellow – 3 year contract (possibility for extension)**  *Post description – abbreviated:*  The incumbent will take part in developing a newly formed group focusing on lab methodologies and data systems for the characterization, typing and analysis of bacteria from the food production chain. Such analyses will focus on the use of Next Generation Sequencing and on bacteria used for food production and/or ingredients as well as pathogenic bacteria. Data from genomic and phenotypic analyses will be compared between sectors in the farm-to-table continuum, and data will be evaluated within a risk/benefit assessment framework built for food production systems. The incumbent will participate in cross-sectorial work with scientists and regulatory officials as well as industrial researchers relative to food production and technology, and will be involved in the development of decision support for food production management systems nationally as well as internationally. The candidate will work with PhD students as well as research staff, and will be involved in the management of the research team.  *Requirements – education and experience*  PhD Degree in food microbiology or related biotechnology or engineering subject, and a strong track record of publication.  At least 5 years of documented research experience in microbiology, including applied traditional methods as well as DNA-based methodologies, experience in data management and analysis.  *Deadline, Salary, etc.*  Deadline**: 04.12.2015**. Highly competitive remuneration. The basic annual salary starts at Sing$ 120,000, settling-in allowance available, annual bonus system. |

**About the University**

Young and research-intensive, Nanyang Technological University (NTU) is ranked 13th globally and placed 1st amongst the best young universities. NTU has attracted top-notch international researchers, and is now the No. 1 Asian University in terms of research citation impact (Thomson Reuters 2014).

NTU is home to several world-class institutes and centres including the Singapore Centre on Environmental Life Sciences Engineering (SCELSE), Earth Observatory of Singapore and Asian Consumer Insight.

**Contact:** (including a full post description)

Professor Jorgen Schlundt, NTU; [jschlundt@ntu.edu.sg](mailto:jschlundt@ntu.edu.sg) ; Phone: +65 98351808