



CENTER FOR INTEGRATIVE SEQUENCING

INVITATION TO THE
iSEQ OPENING CEREMONY
DECEMBER 7, 2012



AARHUS
UNIVERSITY



ABOUT THE LOGO

Designed by Nikolai Lander.

Inspired by a classical, gel-based DNA sequencing method, the logo integrates the centre's work and name in a vibrant, modern expression that piques curiosity.

INVITATION TO THE **iSEQ OPENING CEREMONY**

DECEMBER 7, 2012

WELCOME

We are pleased to invite you to the opening ceremony of the new Aarhus University interdisciplinary center iSEQ, Center for Integrative Sequencing.

The program features four international distinguished speakers, including the inaugural lecture of Professor Wang Jun, Executive Director of BGI, as Honorary Professor at Department of Biomedicine, Health, Aarhus University.

You are all very welcome!



iSEQ OPENING CEREMONY PROGRAM

10.00-10.15

Welcome by Center Director Anders Børglum.

10.15-10.20

Comments by Allan Flyvbjerg,
Dean of the Faculty of Health, Aarhus University.

10.20-10.50

Wang Jun, Professor and Director of BGI.
This lecture is also Wang Jun's inaugural address as
Honorary Professor at Department of Biomedicine, Health, Aarhus University.
Title: **Sequencing, sequencing, and sequencing.**

10.50-11.20

Jos Jonkers, Professor, Netherlands Cancer Institute.
Title: **Comparative oncogenomics in mouse and human breast cancers.**

11.20-11.35

Coffee break

11.35-12.05

Hreinn Stefánsson, Head of CNS Division, deCODE, Iceland.
Title: **Sequencing in mental disorders – imputable and non-imputable
variants.**

12.05-12.35

Bengt Persson, Professor
Director of BILS (Bioinformatics Infrastructure of Life Sciences),
Linköping University, Sweden.
Title: **ELIXIR — building a sustainable European infrastructure for biological
information.**

12.35-14.00

Reception



▲ *The seminar is held in the Lakeside Lecture Theatres, Bartholins Allé 3, 8000 Aarhus C.
(southern end university campus)*

ABOUT iSEQ

BACKGROUND

Biological systems and their components interact with each other as well as external factors in highly complex manners. Deciphering these complex processes is essential to understand biological function – and malfunction, e.g. the aetiology and development of disease.

With the advent of novel sequencing technologies it has become possible to study complex biological systems, evolutionary and developmental processes as well as pathogenic pathways at an unprecedented global and integrative scale.

The overall aim of iSEQ is to apply and integrate novel sequencing technologies to unravel the complex molecular systems governing biological function and human disease.

MAIN OBJECTIVES

Infrastructure

Provide large-scale sequencing and computing facilities coupled with advanced bioinformatics expertise to integrate multi-layered and massive sequencing data.

Research

Perform a wide range of interdisciplinary studies that rely on high throughput sequencing, integrating different biological systems with different sequencing approaches within the integrative fields of systems biology, functional genomics and human disease.

Education and talent development

Establish an interdisciplinary PhD field in “Integrative Science and Medicine”, develop a BSc program and MSc degree in “Systems Biology and Medicine”, and train postdocs and senior researchers in a dynamic, international environment.

WE ARE

The iSEQ Principal Investigators include:

From Science and Technology:

Professors Mikkel H. Schierup, Torben Heick Jensen, and Jørgen Kjems.

From Business and Social Sciences:

Professor Preben Bo Mortensen

From Health:

Professors Torben Ørntoft, Wang Jun, and Anders Børglum (Center Director)

In addition iSEQ includes several associated groups at Aarhus University as well as many key collaborative partners in Denmark and abroad.



WHERE

Merete Barker Auditoriet
The Lakeside Lecture Theatres
Bartholins Allé 3
8000 Aarhus C.

WHEN

December 7, 2012
from 10 a.m. - 2 p.m.

REGISTRATION

No need - all are very welcome.

CONTACT

For further information about opening ceremony
or any other inquiries, please feel free to contact:

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