

**Health Seminar in Cardiology, Stem Cell Research and Nano Technology
St. Petersburg, June 7, 2016**

PROGRAM

10.00-10.05

Welcome

**Tamara Lönngren, Director of the DNUSP
Heidi Olufsen, Consul General of Norway in St. Petersburg
Ass. Dean of Research, Prof. Hilde Nebb, UiO**

10.05-12.20

Cardiology

**Director General, Professor Evgeniy Shlyakhto, Almazov
Prof. Em. Jarle Vaage, UiO**

10.05-10.15

The Federal Almazov North-West Medical Research Centre
Director General, Professor Evgeniy Shlyakhto, Almazov (10)

10.15-10.55

Mitochondria and heart ischemia (mtDNA)
Prof. Kåre Olav Stensløkken, UiO (15+5)
Anton Fedorov, Almazov (15+5)

10.55-11.30

Heart valves and aorta
Prof. Em. Jarle Vaage (5)
Anna Malashicheva, Almazov (15+5)
Mariia Bogdanova, Almazov (15+5)

11.30-11.45

Coffee break

11.45-12.00

Heart ischemia and protection
Prof. Em. Jarle Vaage (10+5)

12.00-12.20

Nanotechnology in heart and cancer research
Ass. Prof. Michael Galagudza, Almazov/Pavlov (15+5)

12.20-13.15

Nanotechnology

Prof. Joel Glover, UiO

12.20-12.25

Introduction

Prof. Joel Glover, UiO (5)

12.25-12.35

The Institute of Children Gematology and Transplantology

Director, Prof. Boris Afanasyev, Pavlov (10+5)

12.35-12.55

Multilayer micro capsules uptake by MSC: efficacy and influence on biological properties

Kirill V. Lepik, Pavlov (15+5)

12.55-13.15

Nanotopographical control of human pluripotency

Rick Siller, UiO (15+5)

13.15-14.15

Lunch

14.15-16.50

Stem cell research

Prof. Philippe Collas, UiO

14.15-14.20

Introduction

Prof. Philippe Collas, UiO (5)

14.20-14.40

The Norwegian Center for Stem Cell Research

Prof. Joel Glover, UiO (15+5)

14.40-15.00

Stem cell imaging in animal models

Jan Øivind Moskaug, UiO (15+5)

15.00-15.20

Comparative study of mesenchymal stem cells from different tissue origins as source for regenerative therapy

Alexandra Aizenstadt, Pokrovsky Stem Cell Bank (15+5)

15.20-15.40

Coffee break

15.40-16.00

Nuclear lamins and fat cell differentiation

Nolwenn Briand, UiO (15+5)

16.00-16.20

Modeling of the genome in 3D

Monika Sekelja, UiO (15+5)

16.20-16.50

Modeling, simulation and visualization in medicine: from population to in-cell processes

Alexander Moiseev, ITMO

Ksenia Mukhina, ITMO

(20+10)

16.50-17.00

Wrapping up