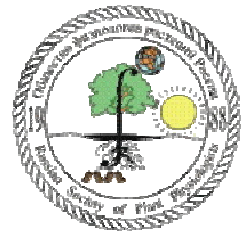




Saint-Petersburg
State University



N.I.Vavilov Research
Institute of Plant Industry
N.I.Vavilov Seminar



Society of Russian
Plant Physiologists

International Workshop "From Seed to Seed" Tuesday 18th June 2013 Saint-Petersburg, Russia

10.00 – 10.10 **Welcome**

Dsc., Prof. Sergei Medvedev, Vice-President of Russian Society of Plant Physiologists,
Head of Plant Physiology and Biochemistry Department,
St.Petersburg State University (Russia)

Session 1

10.10-10.40 **Prof.. Nikolay Dzyubenko**, Director General, N.I.Vavilov Research
Institute of Plant Industry (St.Petersburg, Russia)

**The seed collection of Vavilov Institute: diversity and types of
preservation**

10.40 – 11.40 **Prof. Derek Bewley**, University of Guelph (Canada)

**The Switch from Development to Germination: Comparing Seeds
from Wet and Dry Fruits**

11.40 – 12.10 *Coffee Break, visit to N.I.Vavilov Museum*

12.10 – 12.40 **DSc. Natalie Obrucheva**, Institute of Plant Physiology, Russian Academy
of Sciences (Moscow, Russia))

**Water relations, vacuolar status and tonoplast aquaporins in
germinating seeds**

12.40 – 13.00 **Dr. Marina Azarkovich**, Institute of Plant Physiology, Russian Academy
of Sciences (Moscow, Russia)

**Recalcitrant horse chestnut seeds: proteins and metabolic
activities**

13.00 – 14.00 *Lunch*

Session 2

14.00 – 15.00 **Dr. Elwira Sliwinska**, University of Technology and Life Sciences,
(Bydgoszcz, Poland)

**Flow Cytometry and Confocal Microscopy in Seed Science and
Production**

15.00 – 15.30 *Coffee Break*

15.30 – 16.10 **DSc. Tatjana Veselova**, Moscow State University (Russia)

Deterioration mechanisms at early seed aging

16.10 – 16.30 **Dr. Galina Smolikova**, Saint-Petersburg State University (Russia)

Function of chlorophylls in seeds

16.30 *Closing remarks*

Excursion to Seed Genebank (B.Morskaya Street, 42)

The organizing committee:

Galina Smolikova, Tatjana Gavrilenko, Margarita Vishnjakova, Sergei Medvedev

The workshop will take place in N.I.Vavilov Research Institute of Plant Industry located in the center of St.Petersburg.

Address: N.I.Vavilov Research Institute of Plant Industry
B.Morskaya Street, 44 (Workshop)
B.Morskaya Street, 42 (Genebank)
190000 St. Petersburg
Russia

Contacts: **Galina Smolikova**
+7(812)3289695 (office)
+7(981)1615462 (mobile)
galina.smolikova@gmail.com
<http://bio.pu.ru/faculty/departments/fbr/>
St.Petersburg State University

Tatjana Gavrilenko
+7 9213445704
Margarita Vishnjakova
+7(812) 314-47-32 (office)
N.I.Vavilov Research Institute

