

International Symposium and School of Young Scientists

“Regeneration of intrathoracic organs and tissues” (in support of the Grant of the Government of Russian Federation № 11.G34.31.0065)

December 19, 2014, Kuban State Medical University, Krasnodar, Russia

9.00-12.45

Opening words:

Sergey Alekseenko, chancellor, Kuban State Medical University

Keynote lectures (20 min):

Victor Mikhelson (Institute of Cytology RAS, St.Peterburg) Cell mechanisms standing against regeneration

Elena Parfyonova (Russian National Heart Center, Moscow) Multilayered resident cardiac stem cell sheets for myocardial infarction repair

Sergey Chvalun (Kurchatov Center, Moscow) Rubber elasticity of collagen networks

Paolo Macchiarini (Karolinska Institute, Sweden, Kuban State Medical University, Krasnodar) Lessons learned from the Megagrant Project

Investigation reports (15 min):

Elena Gubareva – Kuban State Medical University (Krasnodar) Tissue engineering diaphragm in rats and NHP models

Alexander Sotnichenko - Kuban State Medical University (Krasnodar) Tissue engineering heart

Elena Kuevda - Kuban State Medical University (Krasnodar) Tissue engineering lung

Irina Gilevich – Krasnodar Regional Hospital №1, Kuban State Medical University (Krasnodar) Clinical stem cell mobilization