

14.40 -15.00 "A Synergistic Effect on Tc-Me/support Catalytic Systems (Me = Pt, Pd, Rh, Ru, Ni)"
N.N.Rimar, Y.V.Voronin, G.N.Pirogova (*Inst. Phys. Chem., RAS, Moscow, Russia*)

15.00 -15.20 "Reference Dosimetric Sources of Beta-Radiation"
K.G.Bukov, S.P.Razdrokina (*Inst. Phys. Chem., RAS, Moscow, Russia*)

15.20 -15.40 **Discussion**

Banquet

July 5 (Friday)

Section 4.

Radiomedicine, Radiopharmaceuticals Based on Technetium-99m, ^{99m}Tc-Generators
(chairpersons: Yu.B.Lishmanov, K.Hashimoto, G.V.Korpusov, G.E.Kodina)

10.00 -10.20 "Preparation of Rhenium Complexes Labeled with Carrier-Free ¹⁸⁸Re for Nuclear Medicine"
K.Hashimoto, S.Bagiawati, Md.S.Islam (*Dept. Radioisot., JAERI, Japan*)

10.20 -10.40 "The Phenomenon of Adsorption in Systems MoO₄²⁻ - MnO₂ (Al₂O₃) and their Influence to Quality of Sodium ⁹⁹Tc^m-Pertechnetate Preparation"
V.V.Basmanov, A.B.Sokolov, B.V.Nesterov, A.A.Semenova, E.P.Otstavnova (*State Sci. Center "Inst. Phys. Power Eng.", Obninsk, Russia*)

10.40 - 11.00 "Synthesis and Analysis of the Tc(V)-DMSA-Complex"
O.B.Abbakumova, G.E.Kodina, E.I.Medvedeva (*State Sci. Center "Inst. Biophys.", Moscow, Russia*)

11.00 -11.20 **Break**

11.20 -11.40 "Preparation of the Ready-to-Use Injections of ^{99m}Tc-MIBI"
T.N.Doronchenkova, G.E.Kodina, A.O.Malysheva, M.P.Zykov, B.N.Romanovsky (*State Sci. Center "Inst. Biophys.", Moscow, Russia*)

11.40 -12.00 "Single Photon Emission Computed Tomography with Hexamethylpropylene Amine Oxyme Labelled with ^{99m}Tc Received from the Extractive Generator in Cerebral Perfusion Estimation"
I.Dygay, I.Shvera, N.Krивonogov, V.Skuridin, V.Shipulin, Yu.Lishmanov (*Inst. Card., Tomsk Res. Center, Russ. Ac. Med. Sci., Tomsk, Russia*)