

Section 4.

Radiomedicine, Radiopharmaceuticals Based on Technetium-99m, ^{99m}Tc-Generators
(chairperson: V.A.Brattsev)

15.50 -16.10 "Quantitative Study of Ischemic Cerebral Damage from ^{99m}Tc-hexamethylpropylenaminoxyme (^{99m}Tc-HMPAO) SPECT"
M.P.Plotnikov, W.Yu.Ussov, I.Yu.Shvera, S.P.Yaroshevsky (Tomsk Med. Res. Centre, Tomsk, Russia)

16.10 -16.30 "Role of ^{99m}Tc-Technetyle in Diagnosis of Cancer. Pharmacokinetic Data and Clinical Experience from First 300 Cases"
W.Yu.Ussov, Yu.E.Riannel, D.A.Merzliakov, S.L.Stukanov, S.A.Kolomiets, S.V.Lunieva, E.M.Slonimskaya, B.N.Zyrianov, S.A.Velichko (Tomsk Inst. Oncology, Tomsk, Russia)

16.30 -16.50 **Discussion**

16.50 **Getting Together**

July 2 (Tuesday)

Section 2.

Enviromental and Analytical Chemistry of Technetium
(chairpersons: V.F.Peretroukhin, T.Sekine)

10.00 -10.20 "Technetium-99 in Coastal Sediments from the Irish Sea"
K.Komura, M.Yamamoto, A.Tsumura, H.Kofuji, S.Oikawa, Y.Kashiwabara, K.Ueno (Low Level Radioact. Lab., Kanazawa Univ., Japan)

10.20 -10.40 "Distribution of Technetium-99 in the Pacific Ocean"
N.Momoshima, M.Sayad, Y.Maeda (Dept. Chem., Kyushu Univ., Japan)

10.40 -11.00 "Transfer of Technetium from Soil to Plant"
K.Yanagisawa, Y.Muramatsu (Div. Radioecol., NIRS, Japan)

11.00 -11.20 **Break**

11.20 -11.40 "Uptake of Technetium by Bottom Sediment of Fresh Water Lake and Role of Microorganisms in this Process"
T.V.Khijniak, N.N.Lyalikova, K.E.German, V.F.Peretroukhin (Inst. Phys. Chem., RAS, Moscow, Russia)

11.40 -12.10 **Discussion**

12.10 -14.00 **Lunch**