

The U.S. Transuranium and Uranium Registries

Stacey L. McComish¹, Maia Avtandilashvili¹, Sergei Y. Tolmachev¹

¹*United States Transuranium and Uranium Registries, Department of Pharmaceutical Sciences*

The U.S. Transuranium and Uranium Registries (USTUR), and the associated National Human Radiobiology Tissue Repository (NHRTR), is a federally-funded human tissue research program. It provides long-term follow-up of Pu, Am, and U (actinides) biokinetics, and potential health effects in nuclear workers (volunteer registrants) with accidental internal depositions of these elements. Since its establishment in 1968, the USTUR has received tissues from 39 whole-body and 292 partial-body donations. An additional 12 whole-body and 59 partial-body potential donors are currently registered with the USTUR. The USTUR's organization, goals and current research are summarized. In addition to the USTUR donations, the NHRTR houses frozen, ashed, dried, and plastic embedded bone samples from the radium dial painter studies carried out by Argonne National Laboratory/Argonne Cancer Research Hospital, the Massachusetts Institute of Technology, and the New Jersey Radium Research Project. All USTUR/NHRTR materials are available for a collaborative research.

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