

PUBLICATIONS 2002-2006 (1/11/2006)

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Peer-Reviewed Journal Articles

Boll, R. A., Malkemus, D. and Mirzadeh, S. "Production of Actinium-225 for Alpha Particle-Mediated Radioimmunotherapy," *Appl. Radiat. Isot.*, 62, 667-679 (2005).

Kennel, S. J., Lankford, P., Garland, M., Sundberg, J. P. and Mirzadeh, S. "Biodistribution of Ra-225 Citrate in Mice: Retention of Daughter Radioisotopes in Bone," *Nucl. Med. Biol.*, 32, 859-867 (2005).

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Book Chapters and Meeting Proceedings and Special Publications Describing ORNL Technology

Knapp, F. F., Jr., Mirzaeh, S., and Garland, M. "The Continuing Important Role of High Flux Reactors for Production of Therapeutic Medical Radioisotopes," *Invited Lecture, For, TECDOC, International Symposium on Trends in Radiopharmaceuticals*, IAEA, Vienna, Austria, *in press*.

Monroy-Guzman, F., Badillo Almaraz, V. E., Flores de la Torre, J. A., Cosgrove, J. M. and Knapp, F. F., Jr. "Hydroxyapatite-Based Mo-99/Tc-99m and W-188/re-188 Generator Systems," *For, TECDOC, International Symposium on Trends in Radiopharmaceuticals*, IAEA, Vienna, Austria, *in press*.

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Knapp, F. F., Jr., *Chairman*, *Symposium on Therapeutic Radionuclide Generators*, IAEA CRP Meeting, April 3-7, 2006, Milan, Italy.

Knapp, F. F., Jr. "Reactor Production of Therapeutic Radioisotopes," *DOE Sister Laboratory Program*, Tajura Reactor, Tripoli, Libya, February 19, 2006.

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Knapp, F. F., Jr., Mirzadeh, S., Beets, A. L., Du., M., Klein, J. A. and Garland, M. "Direct Production of Lutetium-177 from Enriched Lu-176 in a High Flux Reactor – The Only Practical Route to Provide High Specific Activity/Multi-Curie Levels of Lu-177 Required for Routine Clinical Use," *5th International Conference on Isotopes (5ICI)*, Brussels, Belgium, April 24-29, 2005.

Knapp, F. F., Jr. "The Important Role of Research Reactors for Production of Medical Radioisotopes," Department of Nuclear Medicine, Seoul National University Hospital, Seoul, Korea, April 15, 2003.

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Knapp, F. F., Jr. "Rhenium-188 – A Generator-Derived Radioisotope with Broad Therapeutic Applications in Nuclear Medicine and Oncology," *Invited Lecture, Research Coordination Meeting on Radionuclide Generator Technologies for Therapeutic Radionuclides*, International Atomic Energy Agency (IAEA), Vienna, Austria, October 4-7, 2004.

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Knapp, F. F., Jr. "Targeted Radiotherapy with Rhenium-188 - An Attractive Radioisotope for Broad Clinical Applications," *Invited Plenary Lecture*, European Nuclear Medicine Congress, Amsterdam, The Netherlands, August 23-27, 2003.

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