PUBLICATIONS AND PRESENTATIONS 2006 (9/05/2009)

Nuclear Medicine Program Staff
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Peer-Reviewed Journal Articles

Reynen, K., Kropp, J., Koeckeritz, U., Wunderlich, G, Knapp, F. F., Schmeisser, A. and Strasser, R. H. "Intracoronary Radiotherapy with a Rhenium-188 Liquid-Filled Angioplasty Balloon System in In-Stent Restenosis: A Single Center, Prospective, Randomized, Placebo-Controlled, Double-Blind Evaluation," *Coronary Artery Disease*, 17, 371-377 (2006).

Book Chapters and Meeting Proceedings and Special Publications Describing ORNL Technology

Almanza, C. L., Lovett, H. A., Schmitrroth, F., Garland, M. A. and Mirzadeh, S. "Iso-Chain: A User-Friendly, Two-Group Nuclear Transmutation and Decay Code," *Proceedings, ANS Mid-Winter Meeting and Technology Expo*, Albuquerque, New Mexico, November 12-16, 2006, pp. 441-442 (2006).

Boll, R. A. and Mirzadeh, S. "Actinium-225 for Alpha Particle Radioimmunotherapy," *Proceedings, ANS Mid-Winter Meeting and Technology Expo*, Albuquerque, New Mexico, November 12-16, 2006, pp. 451-452 (2006).

Knapp, F. F., Jr., Mirzadeh, S. and Garland, M. "The Availability of Lutetium-177 from Research Reactors," In, *Report of the 2nd Research Coordination Meeting on Development of Generator Technologies for Therapeutic Radionuclides*, Milan, Italy, March, April 4-7, 2006; pp. 100-109, (2006).

Monroy-Guzman, F., Badillo Almaraz, V. E., Rivero-Gutierrez, T., Cosgrove, J., Knapp, F. F., Jr., Rojas Nava, P. and Flores De La Torre, J. A. "Development of Inorganic Adsorbents as Matrices of Generators for Therapeutic Radionuclides," In, *Report of the 2nd Research Coordination Meeting on Development of Generator Technologies for Therapeutic Radionuclides*, Milan, Italy, March, April 4-7, 2006; pp 74-81 (2006).

Meeting Presentations, Invited Talks and Published Abstracts

Almanza, C. L., Lovett, H. A., Schmitrroth, F., Garland, M. A. and Mirzadeh, S. "Iso-Chain: A User-Friendly, Two-Group Nuclear Transmutation and Decay Code," *ANS Mid-Winter Meeting and Technology Expo*, Albuquerque, New Mexico, November 12-16, 2006.

Knapp, F. F., Jr., *Chairman and Organizer, Symposium on Clinical Evaluation of New Radiopharmaceuticals*, 9th World Federation of Nuclear Medicine and Biology *(WFNMB)* Congress, Seoul, Korea, Oct. 22-27, 2006 (*unable to attend*).

Knapp, F. F., Jr., *Invited Highlights Lecture*, "Highlights of Radiopharmacy and Radiochemistry Presentations," *European Nuclear Medicine Congress (EANM)*, Athens, Greece, Sept. 30-Oct. 4,

2006.

Knapp, F. F., Jr., *Invited Lecture*, "The Radiopharmaceutical Basics of Rhenium-188," *Symposium on Rhenium-188-Labelled Ligands for Therapy*, *European Nuclear Medicine Congress (EANM)*, Athens, Greece, Sept. 30-Oct. 4, 2006.

Knapp, F. F., Jr., *Invited Plenary Lecture*, "Radiopharmaceuticals for Nuclear Medicine and Oncology – The Central Role of Chemistry," *Mexican Chemical Society*, Mexico City, Mexico, September 24-28, 2006; *J. Mex. Chem. Soc*. (*Num. Especial* 2), 50, 31 (2006).

Knapp, F. F., Jr. "Overview/Introduction - Action Sheet 6 - Reactor Production of Therapeutic Radioisotopes," NNSA-DOE US/Egypt Sister Laboratory Program, EAEA, Cairo, Egypt, July 10-12, 2006.

Knapp, F. F., Jr. "The Continuing Important Role of Research Reactors for Production of Therapeutic Radioisotopes," NNSA-DOE US/Egypt Sister Laboratory Program, EAEA, Cairo, Egypt, July 10-12, 2006.

Knapp, F. F., Jr. "The ORNL High Flux Reactor (HFIR) - Overview and Current Research," NNSA-DOE US/Libya Sister Laboratory Program, NNSA-DOE US/Egypt Sister Laboratory Program, EAEA, Cairo, Egypt, July 10-12, 2006.

Knapp, F. F., Jr. "Therapeutic Applications of Rhenium-188 in Nuclear Medicine and Oncology and Expected Future Perspectives," NNSA-DOE US/Libya Sister Laboratory Program, NNSA-DOE US/Egypt Sister Laboratory Program, EAEA, Cairo, Egypt, July 10-12, 2006.

Knapp, F. F., Jr. "Lutetium-177 – Issues for Production of Sufficiently High Curie levels Expected to be Required for Large-Scale Clinical Trials and Routine Patient Use," Co-*Chairman, 2nd Research Coordination Meeting (CRP) on Therapeutic Radionuclide Generators,* April 3-7, 2006, Milan, Italy.

Knapp, F. F., Jr. "Overview/Introduction - Action Sheet 1 - Reactor Production of Therapeutic Radioisotopes," NNSA-DOE US/Libya Sister Laboratory Program, Tajura Research Center, Libya, March 12-16, 2006.

Knapp, F. F., Jr. "The Continuing Important Role of Research Reactors for Production of Therapeutic Radioisotopes," NNSA-DOE US/Libya Sister Laboratory Program, Tajura Research Center, Libya, March 12-16, 2006.

Knapp, F. F., Jr. "The ORNL High Flux Reactor (HFIR) - Overview and Current Research," NNSA-DOE US/Libya Sister Laboratory Program, Tajura Research Center, Libya, March 12-16, 2006.

Knapp, F. F., Jr. "Therapeutic Applications of Rhenium-188 in Nuclear Medicine and Oncology and Expected Future Perspectives," NNSA-DOE US/Libya Sister Laboratory Program, Tajura Research Center, Libya, March 12-16, 2006.

Knapp, F. F., Jr. "Molybdenum-99 - Advantages of Direct Production from Molybdenum-98 Versus Fission Production," NNSA-DOE US/Libya Sister Laboratory Program, Tajura Research Center, Libya, March 12-16, 2006.

Knapp, F. F., Jr. "The ORNL High Flux Isotope Reactor – Overview and Current Research," *DOE Sister Laboratory Program*, Tajura Reactor, Tripoli, Libya, February 19, 2006.

Knapp, F. F., Jr. “The Continuing Important Role of Research Reactors for Production of Therapeutic Radioisotopes,” *DOE Sister Laboratory Program*, Tajura Reactor, Tripoli, Libya, February 19, 2006.

Knapp, F. F., Jr. “Therapeutic Applications of Rhenium-188 in Nuclear Medicine and Oncology – Current Status and Expected Future Perspectives,” *DOE Sister Laboratory Program*, Tajura Reactor, Tripoli, Libya, February 19, 2006.

Knapp, F. F., Jr. “Molybdenum-99 – Advantages of Direct Production versus Fission Production,” *DOE Sister Laboratory Program*, Tajura Reactor, Tripoli, Libya, February 19, 2006.