

Jméno, příjmení, titul žadatele:
Denis Rolando Beckford Vera, MSc.

Seznam publikovaných prací:

- I. Preparation and preclinical evaluation of ^{177}Lu -Nimotuzumab targeting epidermal growth factor receptor overexpressing tumors. **Denis R. Beckford Vera**, Sebastian Eigner, Katerina Eigner Henke, Ondrej Lebeda, Frantisek Melichar, Milos Beran. **Original Paper. Nuclear Medicine and Biology 2011 (accepted).**
- II. Pre-clinical Evaluation of ^{177}Lu -Nimotuzumab: a Potential Tool for Radioimmunotherapy of EGFR Overexpressing Tumors. **Beckford Vera, DR**, Eigner S., Beran M., Eigner Henke K., Laznickova A., Laznicek M., Melichar F and Chinol M. **Original Paper. Cancer Biotherapy and Radiopharmaceutical, 2011, 26(3): 287-297**
- III. An adapted purification procedure to improve the quality of ^{90}Y for clinical use. Xiques Castillo, K. Isaac Olive, E. Casanova Gonzalez, **D. Beckford**, R. Leyva Montaña, A. Montero Alvarez and E. Olive Alvarez. **Original Paper. Radiochim. Acta 97, 739–746 (2009).**
- IV. Development of a Reproducible Methodology for the Production of ^{90}Y from a $^{90}\text{Sr}/^{90}\text{Y}$ Chromatographic Generator. Therapeutic radionuclide generators: $^{90}\text{Sr}/^{90}\text{Y}$ and $^{188}\text{W}/^{188}\text{Re}$ generators. Xiques Castillo, M. Torres Berdeguez, **D. Beckford**, R. Leyva Montana, E. Tasanova Gonzalez, Y. Moreno. **Technical Report. Vienna: International Atomic Energy Agency, 2009.**
- V. Evaluation of alumina based $^{188}\text{W}/^{188}\text{Re}$ chromatographic generators. Therapeutic radionuclide generators: $^{90}\text{Sr}/^{90}\text{Y}$ and $^{188}\text{W}/^{188}\text{Re}$ generators. Xiques Castillo, M. Torres Berdeguez, **D. Beckford**, R. Leyva Montana, E. Tasanova Gonzalez, Y. Moreno. **Technical Report. Vienna: International Atomic Energy Agency, 2009.**
- VI. $^{177}\text{Lu}/^{90}\text{Y}$ -intermediate affinity monoclonal antibodies targeting EGFR and HER2/c-neu: preparation and preclinical evaluation. **Beckford Vera DR**, Eigner S, Eigner Henke K, Melichar F, Beran M. **Oral Presentation. 1st World Congress on Gallium-68 and Peptide Receptor Radionuclide Therapy (PRRNT). Bad Berka, Germany, 2011. World Journal of Nuclear Medicine 2011. 10;1:25.**
- VII. An improved preparation of ^{177}Lu -Nimotuzumab: preclinical evaluation as a new radiopharmaceutical for radioimmunotherapy (RIT) of solid tumors. **Beckford Vera, Denis R.**; Eigner, Sebastian; Eigner Henke, Katerina; Melichar, František; Beran, Miloš. **Oral presentation. Annual meeting SNM 2011. 4-8 June, San Antonio, TX, USA. J Nucl Med. 2011; 52 (Supplement 1):136**
- VIII. ^{44}Sc -DOTA-Puromycin: μPET -imaging of protein synthesis. Eigner, Sebastian; **Beckford Vera, Denis R.**; Fellner, Marco; Loktionova, Natalia S.; Piel, Markus; Melichar, František; Rösch, Frank; Eigner Henke, Katerina. **Oral presentation. Annual meeting SNM 2011. 4-8 June, San Antonio, TX, USA. J Nucl Med. 2011; 52 (Supplement 1):566**
- IX. COMPARISON OF ^{124}I -Theraloc® AND ^{86}Y -DOTA-Theraloc® AS SUITABLE PET TRACERS FOR RADIOIMMUNOIMAGING OF EGFR OVEREXPRESSING TUMORS **Beckford Vera DR**, Eigner S, Ráliš J, Eigner Henke K, Beran M, Melichar F and Lebeda O. **Oral presentation. XII PET symposium, 28-31 May 2011. Turku, Finland**
- X. ^{68}Ga -DOTA-PUROMYCIN: IMAGING OF PROTEIN SYNTHESIS VIA PET. Eigner S, **Beckford Vera DR**, Fellner M, Loktionova NS, Piel M, Höhnemann S, Melichar F, Rösch F, Eigner Henke K. **Oral presentation. XII PET symposium, 28-31 May 2011. Turku, Finland**
- XI. A Potential Radioimmunoconjugate ^{177}Lu -DOTA-Bz-(h-R3) for Radioimmunotherapy of EGFR Overexpressing Tumors: Labeling Optimization and in vitro and in vivo Evaluations in Tumor Models. **D. Beckford**, M. Beran, S. Eigner, A. Laznickova, K. Eigner Henke, M. Laznicek, F. Melichar. **Oral presentation. Eur J Nucl Med Mol Imaging (2010) 37 (Suppl 2):S295.**