MICHAEL R ZALUTSKY, PROFESSOR OF DEPARTMENT OF RADIOLOGY, MEDICAL PHYSICS PROGRAM AND BIOMEDICAL ENGINEERING

Contact Info:

Office Location: 161H Bryan Res Building
Email Address: [redacted]
Web Page: *http://cmb.duke.edu/faculty/zalutsky.html*

Education:

Ph.D., Washington University, 1974
M.A., Washington University, 1972

Specialties:

Medical Imaging
Polymer and Protein Engineering

Representative Publications (More Publications)

Larsen, RH, Akabani G, Welsh P, Zalutsky MR. The cytotoxicity and microdosimetry of 211AT-labeled chimeric monoclonal antibodies on human glioma and melanoma cells in vitro. Radiation Res. 1998; 149:155-162 .
Larsen RH, Vaidyanathan G, Zalutsky MR. The cytotoxicity of a-particle emitting 5-[211At]astato2'-deoxyuridine in human cancer cells. Int J Radiation Biol. 1997; 72:79-90 .
Reist CJ, Archer GE, Wikstrand CJ, Bigner DD, Zalutsky MR. Improved targeting of an anti-EGFRvIII monoclonal antibody in tumor xenografts after labeling using N-succinimdyl 5-iodo-3-pyridinecarboxylate. Cancer Res., 1997; 57:1510-1515 .
4. Vaidyanathan, G., Larsen, R.H., and Zalutsky, M.R.:5-[211At]astato-2\'-deoxyuridine, an à-particle emitting endoradiotherapeutic agent undergoing DNA incorporation. Cancer Res. 1996; 56:1204-1209. .
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Olafsen T, Brugland S, Zalutsky MR, Sandlie I. Cloning and sequencing of V genes from anti-osteosarcoma monoclonal antibodies TP-1 and TP-3: Location of lysine residues and implications for radiolabeling. Nucl Med Biol 1995; 22:765-772 .
2. Zalutsky, M.R., McLendon, R., Garg, P.K., Archer, G.E., Schuster, J.M., and Bigner, D.D.: Radioimmunotherapy of neoplastic meningitis in rats using an à-particle-emitting immunoconjugate. Cancer Res. 1994;54:4719-4725. .
3. Page, R.L., Garg, P.K., Garg, S., Archer, G.E., Bruland, .S., and Zalutsky, M.R.: Positron emission tomographic imaging of osteosarcoma in dogs using an 18F-labeled monoclonal antibody Fab fragment. J. Nucl. Med. 1994; 35:1506-1513. .
1. Zalutsky, M.R., Garg, P.K., Friedman, H.S., and Bigner, D.D.: Labeling monoclonal antibodies and F(ab')2 fragments with the alpha particle emitting nuclide astatine-211: preservation of immunoreactivity and in vivo localizing capacity. Proc. Natl. Acad. Sci. USA 1989;86:7149-7153. .