



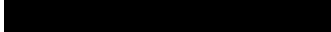

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### Education:

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-succinimidyl 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 a-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 a-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. .