

**Grant Marquart, MD**

**Hometown:** Portland, Oregon

**Undergrad:** Portland State University

**Surgical Specialty Interest:** Undecided

**Hobbies:** Ultramarathons, cycling, snowboarding

**Publications:**

Engstrom AM, Faase RA, Marquart GW, Baio JE, Mackiewicz MR, Harper SL. Size-dependent interactions of lipid-coated gold nanoparticles: Developing a better mechanistic understanding through model cell membranes and in vivo toxicity. *Int J Nanomedicine*. 2020;15:4091-4104

Hamilton D, Cai Y, Kaur R, Marquart GW, Mackiewicz MR, Reed SM. Lipid-coated gold nanoparticles as probes for membrane binding. In: Shukla A. (ed) *Chemical and Synthetic Approaches in Membrane Biology*. Springer Protocols Handbooks. Humana Press; 2016.

Harper B, Sinche F, Wu RH, Gowrishankar M, Marquart GW, Mackiewicz MR, Harper SL. The impact of surface ligands and synthesis method on the toxicity of glutathione-coated gold nanoparticles. *Nanomaterials*. 2014 Jun 1;4(2):355-371.

Wu RH, Nguyen TP, Marquart GW, Miesen TJ, Mau T, Mackiewicz MR. A facile route to tailoring peptide-stabilized gold nanoparticles using glutathione as a synthon. *Molecules*. 2014 May 23;19(5):6754-6775.