

Silvia S. Jurisson is Professor of Chemistry and Radiology, and Director of the Radiopharmaceutical Sciences Institute at the University of Missouri, Columbia, MO. Her research involves radioinorganic chemistry, both from a fundamental understanding and in its medical, environmental/nuclear fuel cycle, and biological applications. Her projects involve (1) targetry, radioisotope production using both reactor and accelerator methods, separation chemistry and enriched target recovery; (2) bifunctional chelate design (thiolate, phosphine, amine, amide containing tri- and tetradentate chelates) for radioisotopes for a variety of elements (e.g., As, Tc, Re, Rh, Au, Ln) and radiochemistry development; and (3) fundamental chemistry of Tc-99 (long-lived fission product) with sulfide, sulfide-containing nanoparticles, and selective complexants for environmental, separations, and fuel cycle applications. She has received major awards from the American Chemical Society (the Glenn T. Seaborg Award in Nuclear Chemistry in 2012) and was elected a Fellow of the AAAS (2013) and the ACS (2016). She has been active in the ACS as Vice-Chair, Chair-Elect, and Chair (2008-2010) of the Nuclear Division and serves as one of the Councilors for the Nuclear Division. She has served on the Board of Directors for both the Society of Radiopharmaceutical Science (SRS) and the Radiopharmaceutical Science Council of the Society of Nuclear Medicine (SNM; now SNMMI). She has served on various review committees for the DOE and the NIH. She is currently an Associate Editor for *Radiochimica Acta* and serves on the Editorial Board of *Nuclear Medicine and Biology*. Silvia Jurisson and her students have published more than 135 peer-reviewed papers on a variety of topics in the field of inorganic chemistry and radiochemistry. She has mentored 45 graduate students, 42 undergraduate students, and 11 postdoctoral fellows. She received her B.S. in Chemistry from the University of Delaware in 1978, her Ph.D. in Chemistry from the University of Cincinnati in 1982, was a postdoctoral fellow at the University of New South Wales DUNTRON/the Australian National University (1982-1984) in Canberra, Australia, a postdoctoral fellow at the University of Missouri (1984-1986), and a Research Investigator/Senior Research Investigator at Squibb/Bristol-Myers-Squibb (1986-1991) prior to joining the faculty at the University of Missouri in 1991.