

Biography

Dr. Natrajan completed a PhD in Inorganic Chemistry at the University of Nottingham before working as a postdoctoral research assistant at the CEA research centre in Grenoble, France with Dr Marinella Mazzanti. She joined the University of Manchester in 2005 as a postdoctoral researcher funded by the a Leverhulme Trust working with Professor Stephen Faulkner. In 2009, she began her independent academic career as an EPSRC Career Acceleration Fellow at the University of Manchester and in 2012 was the recipient of a Leverhulme Trust Research Leadership Award; she is currently a Reader in Inorganic Chemistry and in 2015 was awarded the RSC Bill Newton Prize for her outstanding contribution to the field of Radiochemistry.

Dr. Natrajan's research interests mainly lie in the area of coordination chemistry and spectroscopy of the f-elements. The other research interests include developing an understanding of the photophysical properties of multimetallic macrocyclic lanthanide complexes. Currently, she is involved in the research projects of luminescence spectroscopy of the actinides and actinyls, coordination and redox chemistry of actinyls in unusual oxidation states, oxidation chemistry of the actinides, luminescent probes for detection of trace actinides in solution and Two photon spectroscopy of platinum group metal based dyes.