Biomedical imaging is now ubiquitous in the life sciences, clinical research and healthcare. To manage the increase in volume and complexity of such data, biomedical atlases have emerged as a key solution.

This talk will review the current state of biomedical atlas informatics and identify future computational challenges in the field. This will include a report on the outcomes of the Joint MRC/INCF/SICSA Workshop on Atlas Informatics (Edinburgh,15-16 May 2012; <http://www.macs.hw.ac.uk/~ab/atlasinf2012> [www.macs.hw.ac.uk])