



Why Antibodies for Art Analysis?

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Materials from animal and plant sources (biological materials) have been used by artists to create all forms of artworks throughout time. The challenge to cultural heritage scientists is to provide meaningful and accurate information to curators, art historians, and conservators about the fats, lipids, gums, and proteins that are chemically changed by pigments and binder interactions. Antibodies offer one avenue for the investigation of proteins and polysaccharides. This presentation will describe the pros, cons, and future of this approach.