**Online Metadata for “The interaction of silver(II) complexes with biological macromolecules and antioxidants”**

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**Spectrophotometric Analysis of reduction of Ag2,6P by a variety of biomolecules**

These data are supplied in a single Excel spreadsheet entitled “Combined Spectrophotometry data.xls”.

**NMR Analysis of Glutathione**

These data are no longer available as raw instrument data.

**ESI-MS Analysis of Glutathione**

GSH = Control glutathione (untreated)

GSSG = Control glutathione disulfide (untreated)

GSHAG = Glutathione treated with Ag2,6P

GSSGAG = Glutathione disulfide treated with Ag2,6P

**ESI-MS Analysis of Fatty Acids**

Treatment of Arachidonic acid with Ag2,6P

Arac Control Spectra = untreated

Arac\_2 Spectra = reaction with 20 mg Ag2,6P

Arac\_4 Spectra = reaction with 40 mg Ag2,6P

Arac\_6 Spectra = reaction with 60 mg Ag2,6P

Treatment of Linoleic acid with Ag2,6P

Lino Control Spectra = untreated

Lino\_2 Spectra = reaction with 20 mg Ag2,6P

Lino\_4 Spectra = reaction with 40 mg Ag2,6P

**ESI-MS Analysis of Beta-cyclodextrin**

Treatment with increasing amounts of Ag2,6P

(JR) BETAD = control cyclodextrin (untreated)

(JR) BETAD\_50 = cyclodextrin treated with 50 mg Ag2,6P

(JR) BETAD\_80 = cyclodextrin treated with 80 mg Ag2,6P

(JR) BETAD\_100 = cyclodextrin treated with 100 mg Ag2,6P

(JR) BETAD\_200 = cyclodextrin treated with 200 mg Ag2,6P