SUPPLEMENTAL DATA

Griesser et al., Autoxidative and COX-2 catalyzed transformation of the dietary chemopreventive agent curcumin

**Supplemental Fig. S1.**
Nomenclature and carbon numbering of curcumin and its main oxygenated metabolite (I).

**Supplemental Fig. S2.**
MS2 spectra of the main oxygenated metabolite 1 of curcumin formed in unlabeled (MS2 of m/z 399, top) and 18O-labeled buffer (MS2 of m/z 401, below).

**Supplemental Fig. S3.**
Predicted product formation by autoxidative and COX-2 catalyzed transformation of 4’-methoxycurcumin. MS2 spectra of the main oxygenated metabolite 1 of 4’-methoxycurcumin formed in unlabeled (MS2 of m/z 413, middle) and 18O-labeled buffer (MS2 of m/z 415, below).
Supplemental Fig. S1, Griesser et al.
Supplemental Fig. S2, Griesser et al.
trimethoxycurcumin → predicted oxygenated product

Supplemental Fig. S3, Griesser et al.