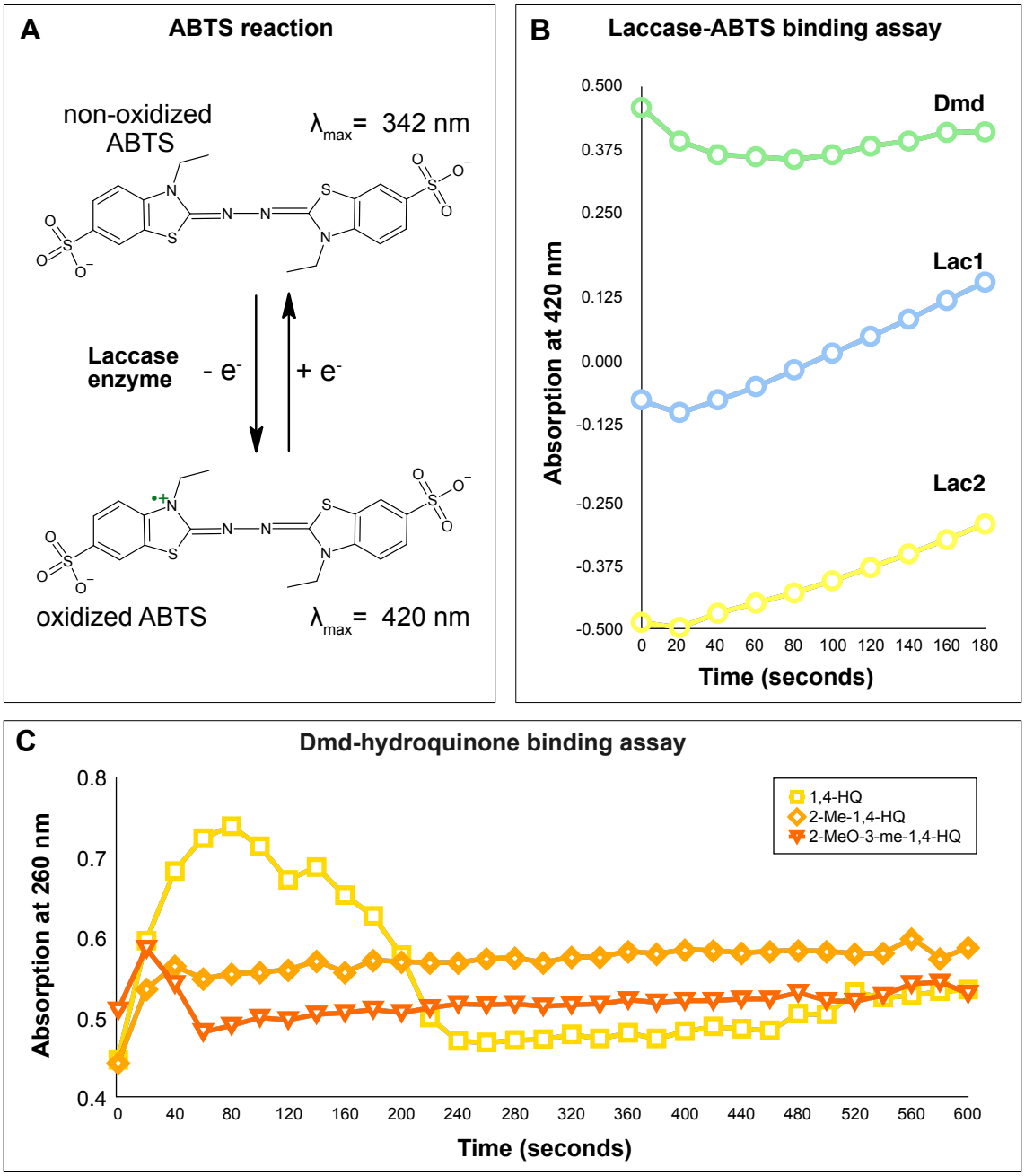
A
ABTS reaction
non-oxidized ABTS
λmax = 342 nm
Laccase enzyme
- e-
+ e-
oxidized ABTS
λmax = 420 nm
B
Laccase-ABTS binding assay
Absorption at 420 nm
Time (seconds)
Dmd
Lac1
Lac2
C
Dmd-hydroquinone binding assay
Absorption at 260 nm
Time (seconds)
1,4-HQ
2-Me-1,4-HQ
2-MeO-3-me-1,4-HQ