Supplementary Material

Chemical-Genetic Interactions of *Bacopa monnieri* Constituents in Cells Deficient for the DNA Repair Endonuclease *RAD1* Appear Linked to Vacuolar Disruption

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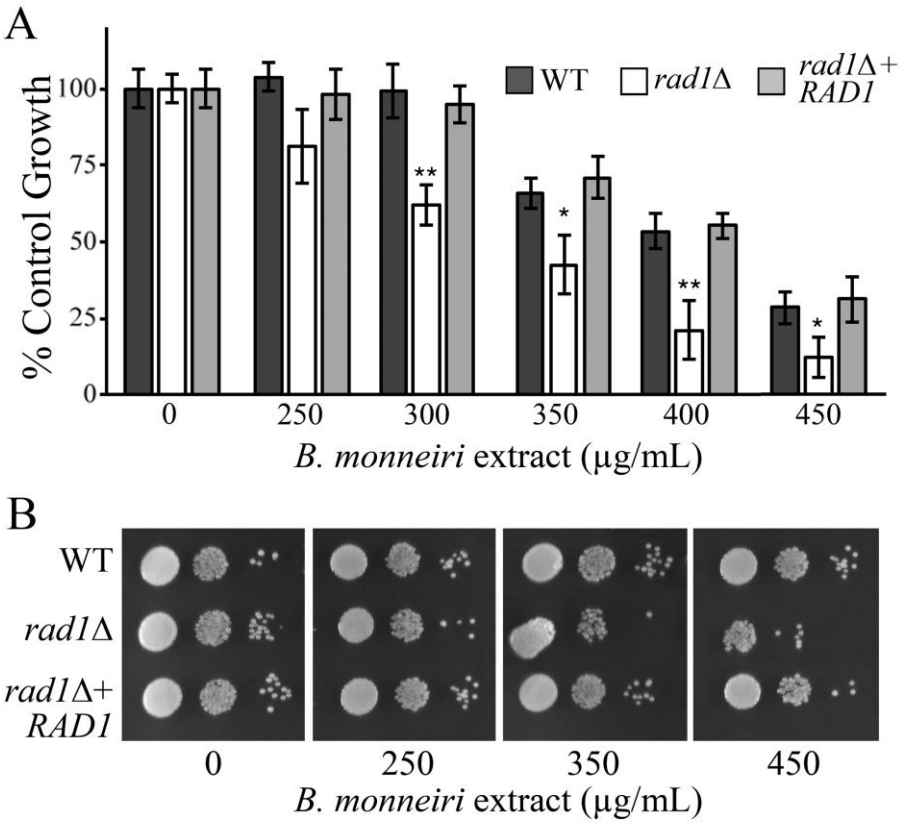

Figure S1: Sensitivity of *rad1*Δ yeast toward *B. monnieri* extracts is rescued by episomal expression of *RAD1*. (**A**,**B**) Yeast strains WT and *rad1*Δ (12806) transformed with the control plasmid (pRS315) and rad1Δ transformed with pLJ540 (*RAD1*) were grown in synthetic medium lacking leucine with 2% glucose in the presence of 2% DMSO and 0.2% Tween 80 (vehicle control) or *B. monnieri* extracts at the concentrations listed. Values are mean ± SD (n =3). Growth was monitored by measuring OD at 600 nm with vehicle control (0) set at 100%. Statistical analysis employed Student's t-test with ** $p < 0.01$, * $p < 0.05$. (**B**) Serial dilutions of liquid cultures from A were spotted onto solid synthetic medium lacking leucine with 2% glucose as described in Figure 3. Samples were incubated for 3 days and photographed.