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Cover illustrations: Effects of hydrogen-rich water (HRW) pretreatment on ultraviolet-B radiation-induced lipid peroxidation (upper four panels) and loss of plasma membrane integrity (lower four panels) in the leaves of *Medicago sativa* (see Xie *et al*. pp. 1141–1157). Fourteen-day-old seedlings were pretreated with or without 50% HRW for 12 h, and then exposed to 0 or 10.8 kJ m^{-2} ultraviolet-B radiation. After irradiation, seedlings were transferred to the normal growth conditions for another 5 days. Seedling leaves were stained with Schiff's reagent (upper four panels) or Evan's blue (lower four panels). Seedlings without irradiation were set as a control (Con). Images by Yanjie Xie.