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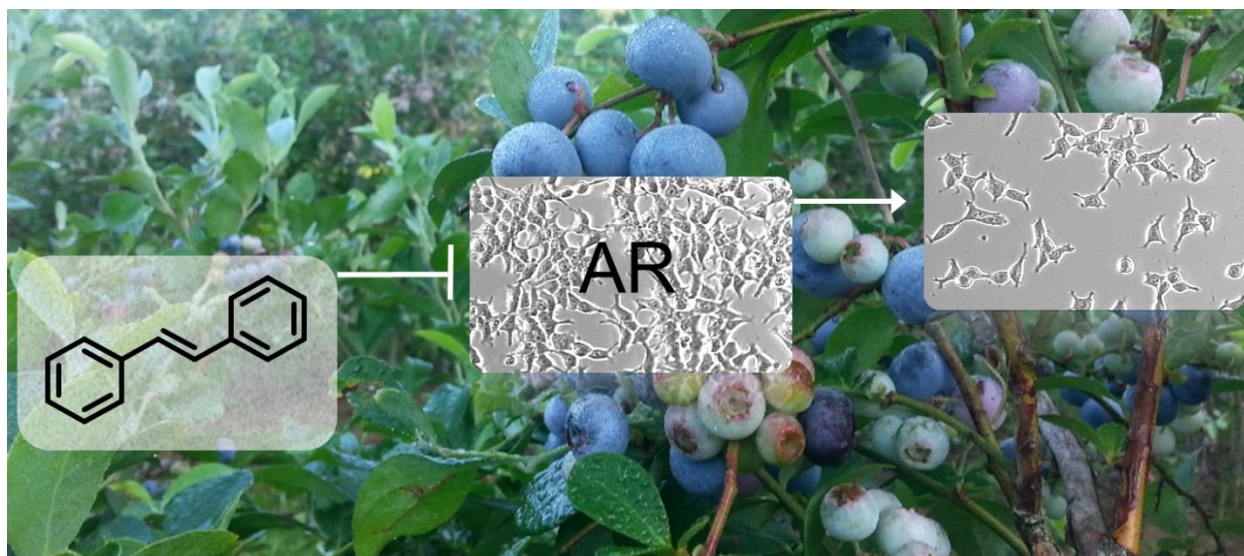
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Androgen Receptor (AR) “turns on” genes that cause prostate cancer cells to grow in response to androgens. Keeping AR levels low can help reduce the growth of prostate cancer cells. Stilbenes are phytoalexins that accumulate in plants such as grapes, blueberries, and peanuts in response to environmental stress. Resveratrol, the most widely known stilbene, is recognized for its anticancer, anti-inflammatory and antioxidant properties. The mechanisms by which resveratrol and its natural analogs exert their antitumor effects are under active investigation and may include inhibition of AR in prostate cancer. See related article in this issue by Kumar *et al.*, pages 1-8.