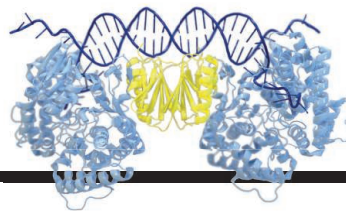


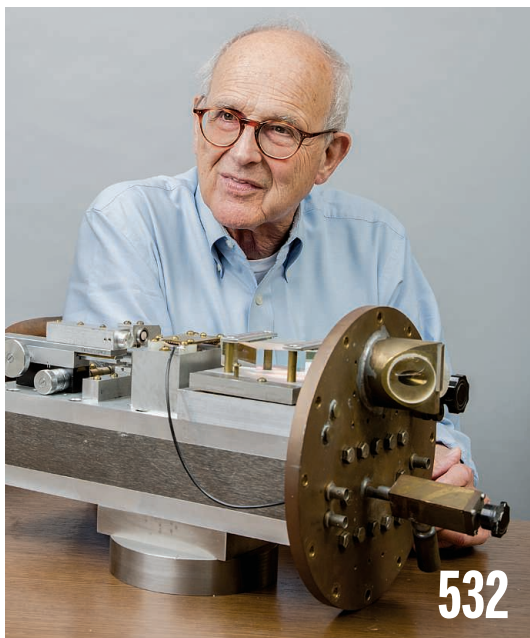
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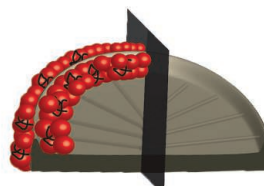
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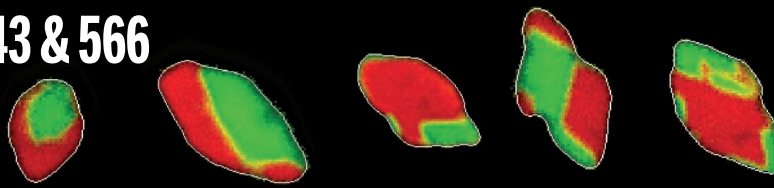
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Sunflower head just before floral maturation, with the Sun setting behind it. Whereas mature sunflowers always face east, young sunflower plants track the Sun from east to west during the day

and then reorient overnight to face east in anticipation of dawn. Both heliotropic growth patterns are mediated by the circadian clock and enhance pollinator visits and plant yield. See pages 541 and 587.

*Photo: Stephen Coleman/Alamy*

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