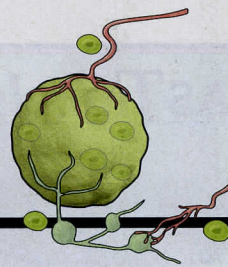


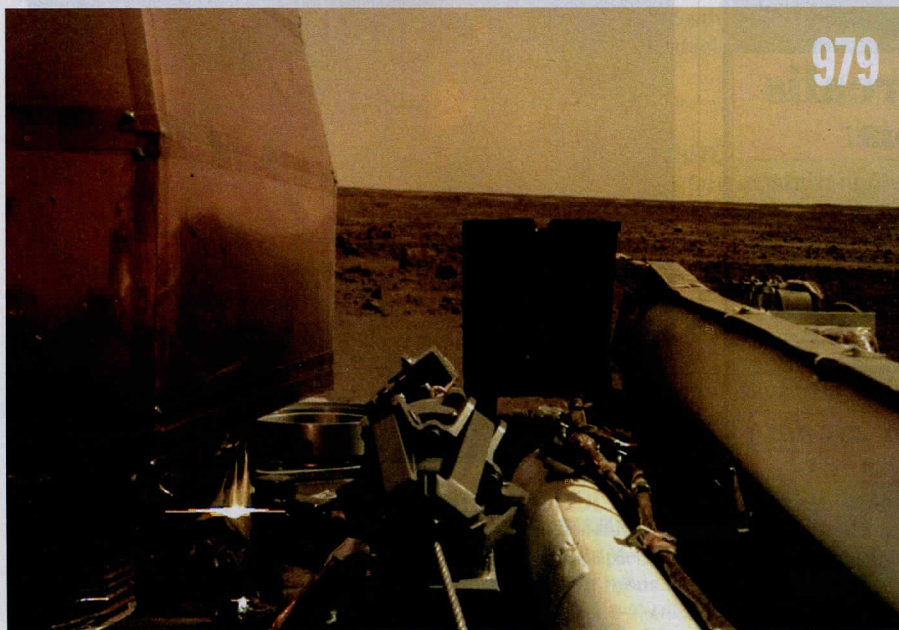
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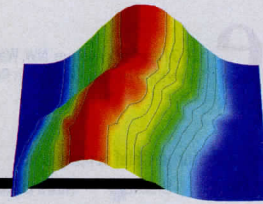
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Structures of the actively degrading 26S proteasome show consecutive states of the ATPase motor with conserved tyrosine paddles (blue, green, and yellow clusters) arranged in a spiral staircase and pulling a protein substrate (yellow blocks) into a degradation chamber. The original conformational state is transparent, whereas the subsequent state is opaque. The data provide insights into how this member of the AAA+ family couples ATP hydrolysis with conformational changes to produce mechanical work. See page 1018. *Illustration: V. Altounian/Science; Structural data: PDB IDs 6EF1 and 6EF3*

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IMAGE: LEE ET AL.