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On the Cover

Many cell processes, such as mitosis, are best illustrated, communicated, and understood through the use of still micrographs and dynamic movies. The Image and Video Library (IVL) of the American Society for Cell Biology (ASCB) aims to be the first comprehensive and free (to not-for-profit organizations) Internet collection of annotated, peer-reviewed, high-quality images and videos covering the field of cell biology. The library will soon be publicly accessible at http://cellimages.ascb.org.

The video from IVL shown on the cover shows four cycles of nuclear mitosis toward the end of the syncytial blastoderm stage in a *Drosophila* embryo. This *Drosophila* line expresses a tubulin::GFP fusion protein, allowing the processes of spindle formation and function to be observed by time-lapse confocal imaging of the fluorescent signal. Silverman-Gavrila, R., "In Perfect Synchrony—Tubulin," ASCB Im. & Vid. Lib. 2006:VID-5 (http://cellimages.ascb.org/u?/p4041coll2,40).

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