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On the cover, confocal laser microscopic images of undifferentiated mouse embryonic stem cells that were stained for the transcription factor Oct4, which is localized in the nuclei (*green, upper panel*), and cytosolic protein USP9X (*red, middle panel*). The *lower panel* shows an overlay of the two images. For details, see the article by Van Hoof *et al.*, pages 1261–1273.

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