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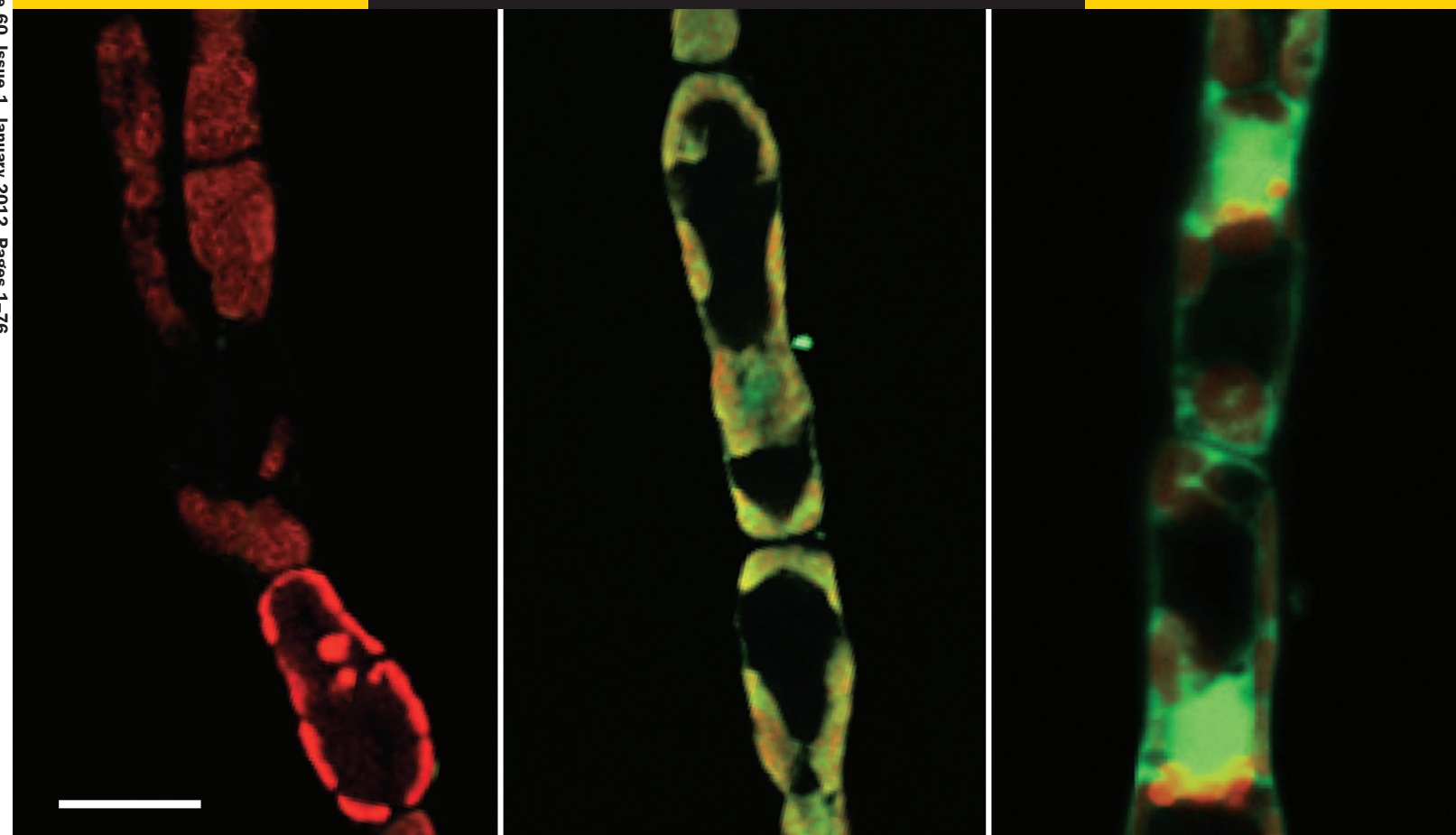
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Cover Confocal laser scanning micrographs of gametophytes of *Laminaria hyperborea*. Green fluorescence indicating the presence of reactive oxygen species (ROS) after reaction with CM-H2 DCF-DA and red fluorescence due to chloroplast autofluorescence are overlaid. *Left*: control cells without CM-H2DCF-DA staining. *Center*: cells exposed to P (photosynthetically active radiation; 400–700 nm). *Right*: cells exposed PAB (P + ultraviolet radiation; 280–700 nm) showing an increase in the intracellular ROS. Scale bar = 9 µm. See Müller *et al.* in this issue for details.

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