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Cover Illustration: In vivo real-time tumor growth imaging in live mice implanted with OSCC on tongue. The orthotopic tumor growth was monitored by optical imaging using a Xenogen-IVIS cooled CCD camera. Mice received vehicle (no treatment group) (top) or IL13-PE38 with paclitaxel (bottom). The synergy of IL13-PE38 and paclitaxel eradicated tumors in 67% of mice and significantly prolonged the survival. See related article by Kioi *et al.*, pages 1440–1448.