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ABOUT THE COVER

Immunofluorescence picture (200×) of a murine papillary thyroid carcinoma stained for galectin-3 (green) and DAPI (blue). This mouse model, developed in the McMahon Lab at the University of California, San Francisco by R.-P. Charles using the cre-activable gene Brafmutant mouse coupled with a thyroid-specific cre-recombinase (Thyro-creERT2), mimics closely the human pathology (e.g., galectin-3 expression). This preclinical model is invaluable for further studies using pathway-targeted drug treatments but also for uncovering the genetics behind tumor progression to anaplastic thyroid carcinoma by combining additional genomic alterations like Pik3caH1074R or Pten deletion. See the article by Charles and colleagues (beginning on page 979) for more information.