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ABOUT THE COVER

The cover image is a photomicrograph of SKOV3ip1 ovarian cancer cells (400X magnification; courtesy of Nicholas B. Jennings) with an increased level of phosphorylated focal adhesion kinase Y397 (pFAK397, red) localized to focal adhesions following treatment with norepinephrine. pFAK397 and actin (green) show up under immunofluorescence staining. Exposure of cancer cells to stress hormones such as norepinephrine leads to β2 adrenergic receptor–mediated activation/phosphorylation of FAK397, leading in turn to anoikis avoidance (anoikis is programmed cell death induced when anchorage-dependent cells detach from the surrounding extracellular matrix) and metastasis. See article by Sood and Lutgendorf (beginning on page 481) for more information.