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On the Cover: A methodology is described for nonlinear contrast-enhanced unsupervised segmentation of multispectral microscopy images of principally unstained specimens. The method exploits spectral diversity and spatial sparseness to find anatomical differences between cells, nuclei, and background. Shown is a segmented image of sciatic nerve fibers used for validation. (See page 547.)

539 This Month in AJP

Short Communications

- 540 *KISS1* Methylation and Expression as Tumor Stratification Biomarkers and Clinical Outcome Prognosticators for Bladder Cancer Patients

Virginia Cebrian, Marta Fierro, Esteban Orenes-Piñero, Laura Grau, Patricia Moya, Thorsten Ecke, Miguel Alvarez, Marta Gil, Ferran Algaba, Joaquín Bellmunt, Carlos Cordon-Cardo, James Catto, Antonio López-Beltrán, and Marta Sánchez-Carbayo

- 547 Rational Variety Mapping for Contrast-Enhanced Nonlinear Unsupervised Segmentation of Multispectral Images of Unstained Specimen

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Regular Articles

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- 555 Survivin Is a Novel Target of CD44-Promoted Breast Tumor Invasion

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- 564 Expression of Endoplasmic Reticulum Stress Proteins Is a Candidate Marker of Brain Metastasis in both ErbB-2⁺ and ErbB-2⁻ Primary Breast Tumors

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