

# Human PATHOLOGY

VOLUME 93

November 2019

## ORIGINAL CONTRIBUTIONS

- 1** Mucoepidermoid Carcinoma of the Oropharynx: A Tumor Type with a Propensity for Regional Metastasis Unrelated to Histologic Grade  
*Pooja Navale, Lisa M. Rooper, Justin A. Bishop, and William H. Westra*
- 6** Predicting Biochemical Recurrence after Radical Prostatectomy: The Role of Prognostic Grade Group and Index Tumor Nodule  
*Nuno Vau, Vanessa Henriques, Liang Cheng, Ana Blanca, Jorge Fonseca, Rodolfo Montironi, Alessia Cimadamore, and Antonio Lopez-Beltran*
- 16** Frequency and Extent of Cytokeratin Expression in Paraganglioma: An Immunohistochemical Study of 60 Cases from 5 Anatomic Sites and Review of the Literature  
*Josephine Kamtai Dermawan, Sanjay Mukhopadhyay, and Akeesha Alia Shah*
- 23** Clinicopathologic Study of Deciduoid Mesothelioma using SMARCB1/INI1 Immunohistochemistry and Fluorescence in Situ Hybridization  
*Toshiaki Kawai, Sho Ogata, Hiroshi Nakashima, Shogo Urabe, Ichiro Murakami, and Kenzo Hiroshima*
- 30** Androgen Receptor Immunohistochemistry in Salivary Duct Carcinoma: A Retrospective Study of 188 Cases Focusing on Tumoral Heterogeneity and Temporal Concordance  
*Bin Xu, Snjezana Dogan, Mohamed Rizwan Haroon Al Rasheed, Ronald Ghossein, and Nora Katabi*
- 37** Biomarker Immunoprofile and Molecular Characteristics in Salivary Duct Carcinoma: Clinicopathological and Prognostic Implications  
*Thalita Santana, Andrie Pavel, Petr Martinek, Petr Steiner, Petr Grossmann, Martina Baněčková, and Alena Skálová*
- 48** Amyloidosis of the Bladder and Association with Urothelial Carcinoma: Report of 29 Cases  
*Deepika Sirohi, Jatin Gandhi, Mahul B. Amin, and Daniel J. Luthringer*
- 54** Proapoptotic Protein BIM as a Novel Prognostic Marker in Mantle Cell Lymphoma  
*Jeff D. Wang, Samuel G. Katz, Elizabeth A. Morgan, David T. Yang, Xueliang Pan, and Mina L. Xu*
- 65** Novel and Established *EWSR1* Gene Fusions and Associations Identified by Next-Generation Sequencing and Fluorescence In-Situ Hybridization  
*Melissa Krystal-Whittemore, Martin S. Taylor, Miguel Rivera, Jochen K. Lennerz, Long P. Le, Dora Dias-Santagata, Anthony John Iafrate, Vikram Deshpande, Ivan Chebib, Gunnlaugur Petur Nielsen, Chin-Lee Wu, and Valentina Nardi*

(Continued on following page)

## NOTICE TO CONTRIBUTORS

All manuscript submissions to HUMAN PATHOLOGY should be submitted electronically to <http://ees.elsevier.com/yhupa>. Authors with circumstances that prevent online submission should send inquiries to the following address: Chris Reyes, Managing Editor, [cmreyes@wisc.edu](mailto:cmreyes@wisc.edu). Additional contact information: Tel: 608-262-1868; Department of Pathology and Laboratory Medicine, University of Wisconsin–Madison, 1300 University Ave., 521 SMI, Madison, WI 53706-1510, USA.

Cover legend: MAML2 dual-color break-apart FISH demonstrates one intact gene (ie, green and red together) and one rearranged MAML2 gene where the green probe (green arrow) and red probe (red arrow) are split in a case of mucoepidermoid carcinoma from Figure 1D from “Mucoepidermoid carcinoma of the oropharynx: a tumor type with a propensity for regional metastasis unrelated to histologic grade” by Dr Westra and colleagues (p. ##).

(Contents continued)

- 74** Correlation Between Immunohistochemistry and *RICTOR* Fluorescence in Situ Hybridization Amplification in Small Cell Lung Carcinoma  
*Ildiko Krencz, Anna Sebestyen, Judit Papay, Yanyan Lou, Gabrielle F. Lutz, Tracy L. Majewicz, and Andras Khor*
- 81** Semiquantitative Assessment of Cytomorphologic Features Can Predict Mutation Status of Thyroid Nodules with Indeterminate Cytologic Diagnosis  
*Maryam Shahi, Stephen J. Bloechl, Rachel I. Vogel, Rupendra Shrestha, Hannah R. Krigman, Maria Evasovich, Lynn A. Burmeister, and Khalid Amin*
- 90** Isolated Tumor Cells in Regional Lymph Nodes in Patients with Adenocarcinoma of the Esophagogastric Junction Might Represent Part of True Metastases  
*Anne-Marie Kanstrup Fiehn, Dea Natalie Munch Jepsen, Michael Patrick Achiam, Heidi Ugleholdt, and Birgitte Federspiel*
- CASE STUDIES**
- 97** Myositis Ossificans Mimicking Metaplastic Breast Cancer on Core Needle Biopsy  
*Klaus Jürgen Schmitz, Matthias Losch, and Abbas Agaimy*

