

University of California, San Francisco
CURRICULUM VITAE

Name: Dana J Balitzer

Position: Assistant Professor of Clinical Pathology
Pathology,
School of Medicine

EDUCATION

2004 - 2008	Columbia University, New York, NY	B.A. Biology
2008 - 2013	University of California, San Diego La Jolla, CA	M.D.
2013 - 2016	University of California, San Francisco San Francisco, CA	Anatomic and Clinical Pathology Residency, PGY1-3
2016 - 2017	University of California, San Francisco San Francisco, CA	Surgical Pathology Fellowship
2017 - 2018	University of California, San Francisco San Francisco, CA	Clinical Pathology Residency, PGY4
2018 - 2019	University of California, San Francisco San Francisco, CA	Liver and Gastrointestinal Pathology Fellowship

LICENSES, CERTIFICATION

2010	USMLE Step 1
2012	USMLE Step 2
2014	USMLE Step 3
02/2015	Medical Board of California Licensure
6/2018	American Board of Pathology Certification, Anatomic and Clinical Pathology

PRINCIPAL POSITIONS HELD

2017 - 2019	University of California, San Francisco San Francisco, CA	Chief Resident	Clinical Pathology
2019 - present	University of California, San Francisco San Francisco, CA	Assistant Professor	Anatomic Pathology
2019 - present	San Francisco VA Health Care System	Staff Physician	Anatomic Pathology

HONORS AND AWARDS

2008	Honors for Undergraduate Biology Thesis	Columbia University, New York, NY
2008	Phi Beta Kappa Honors Society	Columbia University, New York, NY
2008	Summa Cum Laude	Columbia University, New York, NY
2011	Howard-Hughes Medical Fellowship Award	University of California San Diego, La Jolla, CA
2015	Hans Popper Society, 2nd runner up for Trainee Award	USCAP

CLINICAL ACTIVITIES

CLINICAL ACTIVITIES SUMMARY

For the academic year 2020-2021 I have continued to worked as a full-time staff physician at SFVA. My clinical work includes signing out general pathology specimen as well as cytology specimens, and interpretation of frozen sections, performing fine-needle-aspiration (FNA) for palpable masses both in weekly FNA clinic and on-call for procedures on inpatient and outpatient patients, and perform rapid on-site evaluation (ROSE) for procedures performed by radiology.

PROFESSIONAL ACTIVITIES

MEMBERSHIPS

- 2017 - present United States and Canadian Academy of Pathology (USCAP)
- 2018 - present Rodger C. Haggitt Gastrointestinal Pathology Society

INVITED PRESENTATIONS - NATIONAL

2015	United States and Canadian Academy of Pathology: Autoimmune Hepatitis: Review of Validity of Histologic Features Included in the Simplified Criteria Proposed by the International Autoimmune Hepatitis Group (IAIHG)	Platform
2016	United States and Canadian Academy of Pathology: Combined Use of Copper Stain and CK7 Immunohistochemistry for Diagnosis of Cholestatic Liver Disease	Poster
2018	United States and Canadian Academy of Pathology: Comparison of Clinicopathologic Features Between Recurrent and De Novo Post-Transplant Non-Alcoholic Steatohepatitis	Poster
2018	United States and Canadian Academy of Pathology: Comparison of Clinicopathologic Features of Plasma Cell Hepatitis and Recurrent Autoimmune Hepatitis	Poster

2018	United States and Canadian Academy of Pathology: Immunohistochemical and Molecular Findings in Cholangiolocellular Carcinoma are Similar to Well- Differentiated Intrahepatic Cholangiocarcinoma	Platform
2020	College of American Pathologist (CAP): Histologic Features of Chronic Cholecystitis After Transarterial Chemoembolization (TACE)	Virtual abstract

CONTRIBUTIONS TO DIVERSITY

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As founder and chair of the Pathology and Laboratory Medicine Wellness Committee, this role has allowed me to directly contribute to diversity, equity, and inclusion issues in our department. We have provided education and resources on professional development topics such as imposter syndrome which are particularly important to vulnerable groups including women and minorities. I have also started a UCSF Pathology and Laboratory Medicine Faculty-Trainee mentorship program which includes a diverse array of faculty mentors available to trainees on a voluntary basis. While a formal mentorship program is beneficial for all trainees, studies have shown that such programs can help promote diversity, equity, and inclusion via the promotion of equality. We will continue to provide education and resources to faculty mentors participating in this program to help improve awareness of diversity issues in mentorship. Lastly, for my future goals I am currently registered for the UCSF Diversity, Equity, and Inclusion Champion Training to be completed in January 2021.

RESEARCH AND CREATIVE ACTIVITIES

RESEARCH AND CREATIVE ACTIVITIES SUMMARY

I am interested in general surgical pathology and subspecialty gastrointestinal/liver pathology. My research has evaluated diagnostic criteria of medical liver pathology, with a focus on disease recurrence in the post-transplant liver, including studies to distinguish recurrent autoimmune hepatitis (AIH) from plasma cell hepatitis and non-alcoholic steatohepatitis.

PEER REVIEWED PUBLICATIONS

1. Thomas JL, Dumouchel J, Li J, Magat J, **Balitzer D**, Bigby TD. Endotracheal intubation in mice via direct laryngoscopy using an otoscope. *J Vis Exp.* 2014 Apr 05; (86). PMID: 24747695. PMCID: PMC4162455
2. **Balitzer D**, McCalmont TH, Horvai AE. Adipocyte-Like Differentiation in a Posttreatment Embryonal Rhabdomyosarcoma. *Case Rep Pathol.* 2015; 2015:406739. PMID: 26783483. PMCID: PMC4689918
3. **Balitzer D**, Shafizadeh N, Peters MG, Ferrell LD, Alshak N, Kakar S. Autoimmune hepatitis: review of histologic features included in the simplified criteria proposed by the international autoimmune hepatitis group and proposal for new histologic criteria. *Mod Pathol.* 2017 05; 30(5):773-783. PMID: 28106105
4. Sirohi D, Smith SC, Epstein JI, Balzer BL, Simko JP, **Balitzer D**, Benhamida J, Kryvenko ON, Gupta NS, Paluru S, da Cunha IW, Leal DN, Williamson SR, de Peralta-Venturina M,

Amin MB. Pericytic tumors of the kidney-a clinicopathologic analysis of 17 cases. *Hum Pathol.* 2017 06; 64:106-117. PMID: 28438616

5. Kushner T, Shinkai K, Fox L, Ying D, Gross A, **Balitzer D**, Gill R, Brandman D. New presentation of autoimmune hepatitis with erythema multiforme. *Hepatology.* 2018 04; 67(4):1628-1630. PMID: 29059460
6. **Balitzer D**, Joseph NM, Ferrell L, Shafizadeh N, Jain D, Zhang X, Yeh M, di Tommaso L, Kakar S. Immunohistochemical and molecular features of cholangiolocellular carcinoma are similar to well-differentiated intrahepatic cholangiocarcinoma. *Mod Pathol.* 2019 Jun 11. PMID: 31186529
7. Sarkar M, Terrault N, Chan W, Cedars MI, Huddleston HG, Duwaerts CC, **Balitzer D**, Gill RM. Polycystic ovary syndrome (PCOS) is associated with NASH severity and advanced fibrosis. *Liver Int.* 2019 Oct 18. PMID: 31627243. PMCID: PMC6980925
8. Selvig D, Piceno Y, Terdiman J, Zydek M, Umetsu SE, **Balitzer D**, Fadrosch D, Lynch K, Lamere B, Leith T, Kassam Z, Beck K, Lewin S, Ma A, Somsouk M, Lynch SV, El-Nachef N. Fecal Microbiota Transplantation in Pouchitis: Clinical, Endoscopic, Histologic, and Microbiota Results from a Pilot Study. *Dig Dis Sci.* 2019 Jul 13. PMID: 31302808

OTHER PUBLICATIONS

1. Contractor for PATHPrimer, Elsevier, 2016
Developed content, including summary outlines and boards-style review questions,/> as part of a new online resource created by Elsevier. Contributed content for various microbiology and clinical chemistry topics

SIGNIFICANT PUBLICATIONS

1. **Balitzer D**, Shafizadeh N, Peters MG, Ferrell LD, Alshak N, Kakar S. Autoimmune hepatitis: review of histologic features included in the simplified criteria proposed by the international autoimmune hepatitis group and proposal for new histologic criteria. *Mod Pathol.* 2017 05; 30(5):773-783. PMID: 28106105

We proposed new histologic criteria for the diagnosis of autoimmune hepatitis. I reviewed and helped score the histologic and clinical criteria for each case in comparison to cases of biliary disease and other cases of active hepatitis. As first author I was in charge of primary data collection, analysis and drafting the manuscript.

2. Kushner T, Shinkai K, Fox L, Ying D, Gross A, **Balitzer D**, Gill R, Brandman D. New presentation of autoimmune hepatitis with erythema multiforme. *Hepatology.* 2018 04; 67(4):1628-1630. PMID: 2905946

This was an interesting case presentation of autoimmune hepatitis with erythema multiforme. I drafted the discussion of the histology/pathologic features, provided feedback to the overall manuscript and provided histologic images for the publication.

CONFERENCE ABSTRACTS

1. Yoo, E., Tang, L., Wu, R., Torres, T., **Balitzer, D.**, Dong, H., & Bigby, T. D. Cytokines induce human bronchial smooth muscle cell growth via an NCX1-dependent mechanism. In B68. AIRWAY SMOOTH MUSCLE AND NOVEL INFLAMMATORY PATHWAYS (pp. A3604-A3604). American Thoracic Society, 2010.

2. **Balitzer, D** et al. "T1/ST2 Expression Is Increased In Airway Epithelial Cells In A Mouse Ovalbumin Model." D31. ANIMAL MODELS OF AIRWAY INFLAMMATION. American Thoracic Society, 2010. A5598-A5598.
3. **Balitzer, D.**, & Kakar, S. (2016, February). Combined Use of Copper Stain and CK7 Immunohistochemistry for Diagnosis of Cholestatic Liver Disease. USCAP 2016, Seattle, USA. In LABORATORY INVESTIGATION (Vol. 96, pp. 414A-414A).
4. **Balitzer D**, Ferrell L, Peters M, Kakar S. Comparison of Clinicopathologic Features of Plasma Cell Hepatitis and Recurrent Autoimmune Hepatitis. USCAP 2018, Vancouver, BC, Canada. In LABORATORY INVESTIGATION 2018 Mar 1 (Vol. 98, pp. 623-623).
5. **Balitzer D**, Tsai JH, Gill R. Comparison of Clinicopathologic Features Between Recurrent and De Novo Post-Transplant Non-Alcoholic Steatohepatitis. USCAP 2018, Vancouver, BC, Canada. In LABORATORY INVESTIGATION 2018 Mar 1 (Vol. 98, pp. 623-623).
6. **Balitzer D**, Umetsu S. Evaluation of HCC in Setting of Direct-Acting Antiviral Therapy. USCAP 2019, National Harbor, Maryland. In LABORATORY INVESTIGATION 2019 Mar 1 (Vol. 99).

ACADEMIC LEADERSHIP

Chief Resident, Laboratory Medicine, University of California San Francisco, San Francisco, CA