

**SSBH 2021  
Curriculum Vitae**

<b>Name</b>	<b>Steven Teitelbaum, M.D.</b>
<b>Organization</b>	<b>Washington University in St. Louis School of Medicine</b>
<b>Position &amp; Title</b>	<b>Wilma and Roswell Messing Professor of Pathology and Immunology and Professor of Medicine, Division of Bone and Mineral Diseases</b>

**Educational background & Professional experience**

2011-present	Professor, Department of Medicine, Division of Bone and Mineral Diseases, Washington University School of Medicine, St. Louis, MO
1987-present	Wilma and Roswell Messing Professor of Pathology, Washington University School of Medicine, St. Louis, MO
1987-1996	Pathologist-in-Chief, Jewish Hospital, St. Louis, MO
1986-present	Pathologist, Shriners Hospitals for Children, St. Louis, MO
1983-present	Member, Division of Biology and Biomedical Sciences, Washington University, St. Louis, MO
1975-present	Pathologist, Barnes-Jewish Hospital, St. Louis, MO
1968-1975	Associate Pathologist, Barnes-Jewish Hospital, St. Louis, MO
1967 - 1968	Third Year Assistant Resident (ACS Clinical Fellow), Department of Pathology, Division of Surgical Pathology, Washington University School of Medicine, St. Louis, MO
1966 - 1967	Second Year Assistant Resident, Department of Pathology, New York University, New York, NY
1965 - 1966	Intern, Department of Medicine, New York University, New York, NY
1964 - 1965	Intern, Department of Pathology, Washington University School of Medicine, St. Louis, MO
1960-1964	M.D., Washington University, St. Louis, MO
1956-1960	B.A., Columbia College, New York, NY

**Research Interests**

The Teitelbaum lab works to delineate mechanisms of osteoclastic bone resorption and has recently extended his interests to the interactions between bone, fat and energy metabolism. Current research interests include determining the relationship of adiposity and bone, and exploring the ability of genetically modified myeloid lineage cells to prevent inflammatory arthritis and osteoarthritis. Dr. Teitelbaum is a world leading bone biologist and has trained more than 70 graduate students and fellows.

**Publications**

Brestoff JR, Wilen CB, Moley JR, Li Y, Zou W, Malvin NP, Rowen MN, Saunders BT, Ma H, Mack MR, Hykes BL Jr, Balce DR, Orvedahl A, Williams JW, Rohatgi N, Wang X, McAllaster MR, Handley SA, Kim BS, Doench JG, Zinselmeyer BH, Diamond MS, Virgin HW, Gelman AE, Teitelbaum SL. Intercellular Mitochondria Transfer to Macrophages Regulates White Adipose Tissue Homeostasis and Is Impaired in Obesity. *Cell Metab.* 33(2):270-

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Zou W, Rohatgi N, Brestoff JR, Li Y, Barve RA, Tycksen E, Kim Y, Silva MJ, Teitelbaum SL. Ablation of Fat Cells in Adult Mice Induces Massive Bone Gain. *Cell Metab.* 32(5):801-813.e6, 2020

Zou W, Rohatgi N, Brestoff JR, Moley JR, Li Y, Williams JW, Alippe Y, Pan H, Pietka TA, Mbalaviele G, Newberry EP, Davidson NO, Dey A, Shoghi KI, Head RD, Wickline SA, Randolph GJ, Abumrad NA, Teitelbaum SL. Myeloid-specific *Asxl2* deletion limits diet-induced obesity by regulating energy expenditure. *J Clin Invest.* 130(5):2644-2656, 2020.

Zou W, Rohatgi N, Brestoff JR, Zhang Y, Scheller EL, Craft CS, Brodt MD, Migotsky N, Silva MJ, Harris CA, Teitelbaum SL. Congenital Lipodystrophy Induces Severe Osteosclerosis. *PLoS Genet.* 15(6):e1008244, 2019

Li Y, Zou W, Brestoff JR, Rohatgi N, Wu X, Atkinson JP, Harris CA, Teitelbaum SL. Fat-Produced Adipsin Regulates Inflammatory Arthritis. *Cell Rep.* 27(10):2809-2816.e3, 2019

Zhang Y, Rohatgi N, Veis DJ, Schilling J, Teitelbaum SL, Zou W. PGC1 $\beta$  Organizes the Osteoclast Cytoskeleton by Mitochondrial Biogenesis and Activation. *J Bone Miner Res.* 33(6): 1114-1125, 2018. Co-senior author.

Izawa T, Rohatgi N, Fukunaga T, Wang QT, Silva MJ, Gardner MJ, McDaniel ML, Abumrad NA, Semenkovich CF, Teitelbaum SL, Zou W. ASXL2 Regulates Glucose, Lipid, and Skeletal Homeostasis. *Cell Rep.* 16;11(10):1625-37, 2015. Co-senior author.

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