



Hide(kazu) Tsukamoto

Professor of Pathology (1996-)
Director, Southern California Research Center for ALPD and Cirrhosis (1999-)
University of Southern California

Nippon Veterinary & Animal Science University, D.V.M., 1975
University of California, Davis, M.S. in Comparative Pathology, 1980
Kobe University School of Medicine, Ph.D. in Cell Biology, 1988

Assistant Research Professor of Medicine, University of California, Davis (1984-1991)
Associate Professor of Medicine and Nutrition, Case Western Research University (1991-1994)
Associate Professor Medicine and Pathology, University of Southern California (1994-1996)

1. Uninterrupted research support from NIAAA and VA since 1983
2. Total 214 publications: Proc Natl Acad Sci-3; J Clin Invest-3; Gastroenterology-5; Cell Metabolism-2; Hepatology-29
3. NIAAA/NIH MERIT award (1994)
4. NIAAA National Advisory Council member (2004-2008)
5. VA Research Career Scientist award (1999); VA Senior Research Career Scientist award (2004, 2011)
6. Study sections: NIAAA study sections (1990, 1995, 2004, 2006, 2011, 2011-2015); Alcohol and Toxicology Study Section Panel-4 (1996-1997); VA Merit Review Board for Gastroenterology (1995-1998, 1998-2001)
7. Editorial board: American Journal of Physiology, GI Physiology (1997-2003); Hepatology (1997-2007); Gastroenterology (2003-2007, 2011-2016); Hepatology Research (2003-present); Journal of Hepatology (2012-present)
8. ISBRA Hiromasa Ishii Memorial Award (2012)
9. Past President, International Society for Hepatic Sinusoidal Research (2008-2010)
10. Fellow, AASLD (2015)

Biographical summary

Prof. Hide Tsukamoto studied in a comparative pathology program jointly supported by Schools of Medicine and Veterinary Medicine at University of California, Davis in 1978-80. In 1981-1983, he received postdoctoral training in pancreatic and hepatic biochemistry under Prof. Corey Largman at UCD. In 1983, he acquired the first NIH grant on a rodent model of alcoholic liver disease (ALD) based on intragastric ethanol infusion. In 1986-1989, he studied the effects of alcohol on CCK signaling in pancreatic acinar cells under the guidance of Prof. Shigeaki Baba and Makoto Otsuki at Kobe University Graduate School. Subsequently he acquired a VA Merit award on the cell biology of chronic alcoholic pancreatitis. In 1988, he was trained on isolation of rat hepatic stellate cells (HSCs) at Liver Center of University of California, San Francisco. Since then, his main research effort shifted to the roles of HSCs and macrophages in chronic liver disease. In 1991, he was recruited as Associate Professor of Medicine and Nutrition and Director of Research at Case Western Reserve University in Cleveland, Ohio. In 1994, he was recruited to University of Southern California to serve as Associate Director for NIDDK-funded Research Center for Liver Diseases and to develop a new program in liver nonparenchymal cell research. This program formed as an important foundation for subsequent establishment of a NIH/NIAAA center on alcoholic liver and pancreatic diseases (ALPD) and cirrhosis in 1999. He received the NIH MERIT award on the pathogenesis of ALD in 1994, which led to a discovery of novel iron signaling in NF- κ B activation in Kupffer cells in 2003. He also received VA Career and Senior Career Research Scientist awards on molecular mechanisms of HSC activation in liver fibrosis in 1999 and 2004/2011 for a novel concept of PPAR γ -dependent HSC differentiation and morphogen-mediated epigenetic regulation of HSCs. The center he directs serves 58 investigators from USC, University of California, Los Angeles, Irvine, San Diego, Cedars-Sinai Medical Center, Harbor-UCLA, Loma Linda University and 7 international members. He is the member of American Association of Biochemistry and Molecular Biology, American Association of Physiology, Research Society on Alcoholism, AACR, and AASLD. He mentored 15 faculty members in their career developments in liver biology since 2000.