



Marilyn Tan

Clinical Associate Professor, Medicine - Endocrinology, Gerontology, & Metabolism

CLINICAL OFFICE (PRIMARY)

- **Boswell Endocrine Clinic**

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Bio

BIO

Dr. Marilyn Tan, MD, FACE is double board certified in Endocrinology and Internal Medicine. She is a Clinical Associate Professor of Medicine at Stanford University School of Medicine. Dr. Tan practices general endocrinology, but her main clinical interests are outpatient and inpatient diabetes management. Her research interests include diabetes and post bariatric hypoglycemia. Dr. Tan is actively involved in resident and fellow education, and she has served as the Medical Student Clerkship Director, Residency Rotation Director, and Associate Program Director for the Endocrinology Fellowship Training Program at Stanford University School of Medicine. She is the chief of the Endocrine Clinic at Stanford Health Care.

CLINICAL FOCUS

- Endocrinology
- Diabetes Mellitus
- Diabetes and Metabolism

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Medicine - Endocrinology, Gerontology, & Metabolism

ADMINISTRATIVE APPOINTMENTS

- Clinic Chief, Endocrine Clinic, Stanford Health Care, (2016- present)
- Co-Chair, Redwood City Clinical Program Advisory Committee, Stanford Health Care, (2018- present)
- Physician Lead and Co-Chair, Clinic Performance Team 2, Stanford Health Care, (2019- present)
- Director of Value Based Care, Stanford Division of Endocrinology, Stanford Health Care, (2020- present)
- Associate Program Director, Endocrinology Fellowship Training Program, Stanford University School of Medicine, (2017-2019)
- Endocrinology Clerkship Director, Stanford University School of Medicine, (2015-2017)
- Resident Rotation Director, Stanford University School of Medicine, (2014-2017)
- Member, Diabetes Task Force, Stanford Health Care, (2012- present)
- Member, Stanford Diabetes Research Center, Stanford University School of Medicine, (2017- present)

- Member, Clinic Advisory Council, Stanford Health Care, (2019- present)

HONORS AND AWARDS

- Fellow, American Association of Clinical Endocrinology (2021)
- Honors Certificate in Medical Education, Stanford University School of Medicine (2016)
- Physician Educator, Stanford Japan Program (Tokushima, Japan) (2016)
- Focus on Fellows Award, American Diabetes Association (2014)
- Physician Educator, Stanford Japan Program (Okinawa, Japan) (2013)
- Northern California Regional Poster Finalist, American College of Physicians (2012)
- 1st Place Stanford 2020 QI Challenge, Stanford Hospital and Clinics (2010)
- Phi Beta Kappa, University of California, Berkeley (2004)
- Regents and Chancellor's Scholar, University of California, Berkeley (2001)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, American Association of Clinical Endocrinologists (2012 - present)
- Member, Endocrine Society (2012 - present)
- Member, American Diabetes Association (2012 - present)

PROFESSIONAL EDUCATION

- Fellowship: Stanford University Endocrinology Fellowship (2014) CA
- Residency: Stanford University Internal Medicine Residency (2012) CA
- Medical Education: Boston University School of Medicine (2009) MA
- Board Certification: Endocrinology, Diabetes and Metabolism, American Board of Internal Medicine (2014)
- Board Certification, Endocrinology, Diabetes, and Metabolism , American Board of Internal Medicine (2014)
- Board Certification: Internal Medicine, American Board of Internal Medicine (2012)
- BA, University of California, Berkeley , Molecular and Cell Biology (Magna Cum Laude) (2005)

COMMUNITY AND INTERNATIONAL WORK

- UC Berkeley Student Learning Center
- UC Berkeley Regents and Chancellors Scholarship Association
- Pacific Free Clinic

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Type 2 diabetes, obesity, insulin resistance

CLINICAL TRIALS

- A Multiple Ascending Dose Study to Evaluate Safety and Tolerability of BFKB8488A in Participants With Type 2 Diabetes Mellitus and Participants With Non-Alcoholic Fatty Liver Disease, Recruiting
- Avexitide Safety and Efficacy to Treat Acquired Hyperinsulinemic Hypoglycemia, Recruiting
- Effect of Albiglutide, When Added to Standard Blood Glucose Lowering Therapies, on Major Cardiovascular Events in Subjects With Type 2 Diabetes Mellitus, Not Recruiting
- Efficacy, Tolerability and Pharmacokinetics of Subcutaneous Exendin (9-39) in Patients With Post Bariatric Hypoglycemia, Not Recruiting

- Safety and Efficacy of EndoBarrier in Subjects With Type 2 Diabetes Who Are Obese, Not Recruiting
- Safety and Efficacy of Exendin 9-39 in Patients With Postbariatric Hypoglycemia, Not Recruiting

PROJECTS

- Improving Quality in Resident Continuity Clinics through Core Measure Education and Assessment - Stanford University School of Medicine
- Improving Patient Centered Care Through the Use of Whiteboards - Stanford Hospital and Clinics
- Protocol for Post Operative Endocrine Management Following Pituitary Surgery - Stanford Hospital and Clinics
- Seminal Articles in Endocrinology - A Formalized Curriculum - Stanford University School of Medicine
- Stanford University School of Medicine Lane Library Endocrinology Portal - Stanford University

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Endocrinology (Fellowship Program)

Publications

PUBLICATIONS

- **AI-Human Hybrid Workflow Enhances Teleophthalmology for the Detection of Diabetic Retinopathy.** *Ophthalmology science*
Dow, E. R., Khan, N. C., Chen, K. M., Mishra, K., Perera, C., Narala, R., Basina, M., Dang, J., Kim, M., Levine, M., Phadke, A., Tan, M., Weng, et al
2023; 3 (4): 100330
- **Automated Insulin Delivery with Remote Real-Time Continuous Glucose Monitoring for Hospitalized Patients with Diabetes: A Multi-Center, Single-arm, Feasibility Trial.** *Diabetes technology & therapeutics*
Davis, G. M., Hughes, M. S., Brown, S., Sibayan, J., Perez-Guzman, M. C., Stumpf, M., Thompson, Z., Basina, M., Patel, R., Hester, J., Abraham, A., Ly, T. T., Chaney, et al
2023
- **PREVENT: A Randomized, Placebo-Controlled Crossover Trial of Avexotide for Treatment of Post-Bariatric Hypoglycemia.** *The Journal of clinical endocrinology and metabolism*
Craig, C. M., Lawler, H. M., Lee, C. J., Tan, M., Davis, D. B., Tong, J., Glodowski, M., Rogowitz, E., Karaman, R., McLaughlin, T. L., Porter, L.
2021
- **A miniaturized optoelectronic biosensor for real-time point-of-care total protein analysis.** *MethodsX*
Vermesh, O., Mahzabeen, F., Levi, J., Tan, M., Alam, I. S., Chan, C. T., Gambhir, S. S., Harris, J. S.
2021; 8: 101414
- **Real-time point-of-care total protein measurement with a miniaturized optoelectronic biosensor and fast fluorescence-based assay.** *Biosensors & bioelectronics*
Mahzabeen, F., Vermesh, O., Levi, J., Tan, M., Alam, I. S., Chan, C. T., Gambhir, S. S., Harris, J. S.
2020: 112823
- **Safety, Efficacy and Pharmacokinetics of Repeat Subcutaneous Dosing of Avexotide (Exendin 9-39) for Treatment of Post-Bariatric Hypoglycemia.** *Diabetes, obesity & metabolism*
Tan, M., Lamendola, C., Luong, R., McLaughlin, T., Craig, C.
2020
- **Canagliflozin review - safety and efficacy profile in patients with T2DM.** *Diabetes, metabolic syndrome and obesity : targets and therapy*
Jakher, H., Chang, T. I., Tan, M., Mahaffey, K. W.
2019; 12: 209-215
- **A longitudinal big data approach for precision health.** *Nature medicine*
Schüssler-Fiorenza Rose, S. M., Contrepois, K. n., Moneghetti, K. J., Zhou, W. n., Mishra, T. n., Mataraso, S. n., Dagan-Rosenfeld, O. n., Ganz, A. B., Dunn, J. n., Hornburg, D. n., Rego, S. n., Perelman, D. n., Ahadi, et al
2019; 25 (5): 792–804

- **Effect of Electronic Clinical Decision Support on 25(OH) Vitamin D Testing.** *Journal of general internal medicine*
Chin, K. K., Hom, J. n., Tan, M. n., Sharp, C. n., Wang, S. n., Chen, Y. R., Chen, D. n.
2019
- **Albiglutide and cardiovascular outcomes in patients with type 2 diabetes and cardiovascular disease (Harmony Outcomes): a double-blind, randomised placebo-controlled trial.** *Lancet (London, England)*
Hernandez, A. F., Green, J. B., Janmohamed, S., D'Agostino, R. B., Granger, C. B., Jones, N. P., Leiter, L. A., Rosenberg, A. E., Sigmon, K. N., Somerville, M. C., Thorpe, K. M., McMurray, J. J., Del Prato, et al
2018; 392 (10157): 1519-1529
- **Acromegalic cardiomyopathy: Epidemiology, diagnosis, and management.** *Clinical cardiology*
Sharma, A. N., Tan, M. n., Amsterdam, E. A., Singh, G. D.
2018; 41 (3): 419-25
- **Power Failure: Acromegalic Cardiomyopathy.** *The American journal of medicine*
Mantri, N. M., Amsterdam, E. n., Tan, M. n., Singh, G. D.
2016
- **Does Polycystic Ovarian Syndrome Increase Insulin Resistance Above and Beyond Obesity?** *Endocrinology and Metabolic Syndrome*
Tan, M., Kim, S. H.
2014; 3 (142)
- **Patient whiteboards to improve patient-centred care in the hospital.** *Postgraduate medical journal*
Tan, M., Hooper Evans, K., Braddock, C. H., Shieh, L.
2013; 89 (1056): 604-609
- **Metastatic Burkitt's lymphoma presenting as diabetes insipidus.** *Endocrine practice*
Tan, M. J., Aguinaldo, T. F.
2013; 19 (4): e102-4
- **What is the Relationship between PCOS and Insulin Resistance?**
Tan, M. J., Kim, S. H.
AMER DIABETES ASSOC.2012: A418-A419
- **Malignant Pheochromocytoma Presenting as Incapacitating Bony Pain** *PAIN PRACTICE*
Tan, M., Camargo, C. A., Mojtahed, A., Mihm, F.
2012; 12 (4): 286-289
- **28-Day Dosing with Avexitide Improves Hyperinsulinemic Hypoglycemia in Patients with Severe, Refractory Post-Bariatric Hypoglycemia: The PREVENT Study** *Endocrine Society*
Lee, C., Lawler, H., Tan, M., Davis, D., Tong, J., Glodowski, M., Rogowitz, E., Lamendola, C., Karaman, R., Dar, M., Porter, L., Craig, C.
2019
- **Repeat Subcutaneous Dosing of Exendin 9-39 Reduces Hyperinsulinemic Hypoglycemia and Neuroglycopenic Symptoms in Patients with Post-Bariatric Hypoglycemia** *American Diabetes Association 77th Scientific Sessions*
Tan, M., Luong, R., Lamendola, C., Liu, L., Craig, C.
2017