

# Stanford

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## Chrysoula Dosiou

Clinical Professor, Medicine - Endocrinology, Gerontology, & Metabolism

### CLINICAL OFFICES

- **Endocrinology Clinic**

Hoover Bldg

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- **Endocrine Clinic within Ambulatory Care Clinic**

300 Pasteur Dr Rm A175

Stanford, CA 94305

**Tel** (650) 723-6961      **Fax** (650) 725-8418

### Bio

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#### BIO

Dr. Dosiou specializes in the treatment of patients with thyroid disease. She has a special interest in the evaluation and treatment of thyroid disease in the setting of pregnancy and the care of patients with thyroid-eye disease.

#### CLINICAL FOCUS

- Thyroid Dysfunction in Pregnancy
- Graves' Disease
- Hyperthyroidism
- Thyroid eye disease
- Endocrinology
- Diabetes and Metabolism

#### ACADEMIC APPOINTMENTS

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

#### ADMINISTRATIVE APPOINTMENTS

- Medical Director, Thyroid Eye Clinic, Stanford University School of Medicine, (2009- present)
- Program Director, Endocrinology Fellowship, Stanford University School of Medicine, (2014- present)

#### PROFESSIONAL EDUCATION

- Fellowship: Stanford University Endocrinology Fellowship (2003) CA

- Fellowship: Stanford University Hematology and Oncology Fellowship (2001) CA
- Residency: UCSF Department of Medicine (2000) CA
- Internship: UCSF Department of Medicine (1998) CA
- Board Certification: Endocrinology, Diabetes and Metabolism, American Board of Internal Medicine (2003)
- Medical Education: Harvard Medical School (1997) MA
- MS, Stanford University , Epidemiology (2006)
- BA, Harvard College , Biology (1993)
- MD, Harvard Medical School , Medicine (1997)

## Research & Scholarship

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### CURRENT RESEARCH AND SCHOLARLY INTERESTS

I am highly interested in the interactions between the endocrine and immune systems in women. Current clinical research interests lie in the field of autoimmune thyroid disease, especially thyroid autoimmunity in pregnancy.

## Teaching

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### GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Endocrinology (Fellowship Program)

## Publications

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### PUBLICATIONS

- **The TABLET trial: limitations and implications.** *BMC medicine*  
Dosiou, C., Stagnaro-Green, A.  
2019; 17 (1): 126
- **Radioactive iodine in differentiated thyroid cancer: a national database perspective.** *Endocrine-related cancer*  
Orosco, R. n., Hussain, T. n., Noel, J. E., Chang, D. n., Dosiou, C. n., Mitra, E. n., Divi, V. n., Orloff, L. n.  
2019
- **Diagnostic 123I Whole Body Scan Prior to Ablation of Thyroid Remnant in Patients With Papillary Thyroid Cancer: Implications for Clinical Management** *CLINICAL NUCLEAR MEDICINE*  
Song, H., Mosci, C., Akatsu, H., Basina, M., Dosiou, C., Iagaru, A.  
2018; 43 (10): 705–9
- **2017 Guidelines of the American Thyroid Association for the Diagnosis and Management of Thyroid Disease During Pregnancy and the Postpartum.** *Thyroid*  
Alexander, E. K., Pearce, E. N., Brent, G. A., Brown, R. S., Chen, H., Dosiou, C., Grobman, W. A., Laurberg, P., Lazarus, J. H., Mandel, S. J., Peeters, R. P., Sullivan, S.  
2017; 27 (3): 315-389
- **MANAGEMENT OF ENDOCRINE DISEASE Isolated maternal hypothyroxinemia during pregnancy: knowns and unknowns** *EUROPEAN JOURNAL OF ENDOCRINOLOGY*  
Dosiou, C., Medici, M.  
2017; 176 (1): R21-R38
- **CHALLENGE TO THE PARADIGM OF PRENATAL TESTOSTERONE EXPOSURE ON GENDER IDENTITY DEVELOPMENT**  
Klink, D. T., Balleur, A., Russell, M., Ehrensaf, D., Vance, S., Bachrach, L., Dosiou, C., Rosenthal, S.  
KARGER.2017: 478
- **Development of prognostic signatures for intermediate-risk papillary thyroid cancer.** *BMC cancer*  
Brennan, K., Holsinger, C., Dosiou, C., Sunwoo, J. B., Akatsu, H., Haile, R., Gevaert, O.

2016; 16 (1): 736-?

- **Craniosynostosis and risk factors related to thyroid dysfunction.** *American journal of medical genetics. Part A*  
Carmichael, S. L., Ma, C., Rasmussen, S. A., Cunningham, M. L., Browne, M. L., Dosiou, C., Lammer, E. J., Shaw, G. M.  
2015; 167A (4): 701-707
- **Continued rapid increase in thyroid cancer incidence in california: trends by patient, tumor, and neighborhood characteristics.** *Cancer epidemiology, biomarkers & prevention : a publication of the American Association for Cancer Research, cosponsored by the American Society of Preventive Oncology*  
Horn-Ross, P. L., Lichtensztajn, D. Y., Clarke, C. A., Dosiou, C., Oakley-Girvan, I., Reynolds, P., Gomez, S. L., Nelson, D. O.  
2014; 23 (6): 1067-1079
- **Cost-Effectiveness of Universal and Risk-Based Screening for Autoimmune Thyroid Disease in Pregnant Women** *JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM*  
Dosiou, C., Barnes, J., Schwartz, A., Negro, R., Crapo, L., Stagnaro-Green, A.  
2012; 97 (5): 1536-1546
- **Screening pregnant women for autoimmune thyroid disease: a cost-effectiveness analysis** *EUROPEAN JOURNAL OF ENDOCRINOLOGY*  
Dosiou, C., Sanders, G. D., Araki, S. S., Crapo, L. M.  
2008; 158 (6): 841-851
- **Expression of membrane progesterone receptors on human T lymphocytes and Jurkat cells and activation of G-proteins by progesterone** *JOURNAL OF ENDOCRINOLOGY*  
Dosiou, C., Hamilton, A. E., Pang, Y., Overgaard, M. T., Tulac, S., Dong, J., Thomas, P., Giudice, L. C.  
2008; 196 (1): 67-77
- **Decidual stromal cell response to paracrine signals from the trophoblast: Amplification of immune and angiogenic modulators** *BIOLOGY OF REPRODUCTION*  
Hess, A. P., Hamilton, A. E., Talbi, S., Dosiou, C., Nyegaard, M., Nayak, N., Genbecev-Krtolica, O., Mavrogianis, P., Ferrer, K., Kruessel, J., Fazleabas, A. T., Fisher, S. J., Giudice, et al  
2007; 76 (1): 102-117
- **Molecular phenotyping of human endometrium distinguishes menstrual cycle phases and underlying biological processes in normo-ovulatory women** *ENDOCRINOLOGY*  
Talbi, S., Hamilton, A. E., Vo, K. C., Tulac, S., Overgaard, M. T., Dosiou, C., Le Shay, N., Nezhat, C. N., Kempson, R., Lessey, B. A., Nayak, N. R., Giudice, L. C.  
2006; 147 (3): 1097-1121
- **Natural killer cells in pregnancy and recurrent pregnancy loss: Endocrine and immunologic perspectives** *ENDOCRINE REVIEWS*  
Dosiou, C., Giudice, L. C.  
2005; 26 (1): 44-62
- **The immune environment in human endometrium during the window of implantation** *AMERICAN JOURNAL OF REPRODUCTIVE IMMUNOLOGY*  
Lobo, S. C., Huang, S. T., Germeyer, A., Dosiou, C., Vo, K. C., Tulac, S., Nayak, N. R., Giudice, L. C.  
2004; 52 (4): 244-251
- **Silencing lamin A/C in human endometrial stromal cells: a model to investigate endometrial gene function and regulation** *MOLECULAR HUMAN REPRODUCTION*  
Tulac, S., Dosiou, C., Suchanek, E., Giudice, L. C.  
2004; 10 (10): 705-711
- **Interferon-related and other immune genes are downregulated in peripheral blood leukocytes in the luteal phase of the menstrual cycle** *JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM*  
Dosiou, C., Lathi, R. B., Tulac, S., Huang, S. T., Giudice, L. C.  
2004; 89 (5): 2501-2504
- **B7-1 is superior to B7-2 costimulation in the induction and maintenance of T cell-mediated antileukemia immunity - Further evidence that B7-1 and B7-2 are functionally distinct** *JOURNAL OF IMMUNOLOGY*  
Matulonis, U., Dosiou, C., Freeman, G., Lamont, C., Mauch, P., Nadler, L. M., Griffin, L. D.  
1996; 156 (3): 1126-1131
- **ROLE OF B7-1 IN MEDIATING AN IMMUNE-RESPONSE TO MYELOID-LEUKEMIA CELLS** *BLOOD*  
Matulonis, U. A., Dosiou, C., Lamont, C., Freeman, G. J., Mauch, P., Nadler, L. M., GRIFFIN, J. D.

1995; 85 (9): 2507-2515

● **A POPULATION OF EARLY FETAL THYMOCYTES EXPRESSING FC-GAMMA-RII/III CONTAINS PRECURSORS OF LYMPHOCYTES-T AND NATURAL-KILLER-CELLS** *CELL*

Rodewald, H. R., Moingeon, P., Lucich, J. L., Dosiou, C., Lopez, P., REINHERZ, E. L.  
1992; 69 (1): 139-150