

Stanford



Alan Eih Chih Thong

Clinical Assistant Professor, Urology

CLINICAL OFFICES

- **Urologic Oncology**

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Bio

BIO

Dr. Thong is a urologist specializing in urologic oncology. He has experience in all aspects of adult urology care, including endoscopic, robotic, and open surgery, and has a special interest in the treatment of prostate, kidney, bladder, and testicular cancer. He has won numerous awards including the NIH Ruth L. Kirschstein National Research Service Award, and has authored and co-authored publications on the treatment of urologic cancers.

CLINICAL FOCUS

- Urologic oncology
- Urology

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Urology

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Active member, Society of Urologic Oncology (2015 - present)
- Member, American Society of Clinical Oncology (2015 - present)
- Associate member, American Urological Association (2010 - present)

- Member, American Medical Association (2008 - present)

PROFESSIONAL EDUCATION

- AB, Princeton University (2004)
- MD, University of Chicago, Pritzker School of Medicine (2008)
- Residency, Stanford University (2014)
- Fellowship, Memorial Sloan Kettering Cancer Center (2016)
- MPH, Harvard University (2016)
- Board Certification: Urology, American Board of Urology (2018)

LINKS

- <http://urology.stanford.edu/>: <http://urology.stanford.edu/>

Publications

PUBLICATIONS

- **Bupivacaine local anesthetic to decrease opioid requirements after radical cystectomy: Does formulation matter?** *Urologic oncology*
Schmidt, B. n., Bhambhani, H. P., Greenberg, D. R., Prado, K. n., Shafer, S. n., Thong, A. n., Gill, H. n., Skinner, E. n., Shah, J. B.
2020
- **Is A Systematic Transrectal Ultrasound-Guided Biopsy Required When a Targeted Magnetic Resonance Imaging-Ultrasound Fusion Biopsy is Performed?**
Bagshaw, H. P., Sonn, G. A., Fan, R. E., Ghanouni, P., Loening, A. M., Heidari, N., Von Eyben, R., Thong, A. E., Buyyounouski, M. K.
ELSEVIER SCIENCE INC.2019: E262
- **Prostate Magnetic Resonance Imaging Interpretation Varies Substantially Across Radiologists** *EUROPEAN UROLOGY FOCUS*
Sonn, G. A., Fan, R. E., Ghanouni, P., Wang, N. N., Brooks, J. D., Loening, A. M., Daniel, B. L., To'o, K. J., Thong, A. E., Leppert, J. T.
2019; 5 (4): 592–99
- **AUTOMATED DETECTION OF PROSTATE CANCER ON MULTIPARAMETRIC MRI USING DEEP NEURAL NETWORKS TRAINED ON SPATIAL COORDINATES AND PATHOLOGY OF BIOPSY CORES**
Chen, L., Bien, N., Fan, R., Cheong, R., Rajpurkar, P., Thong, A., Wang, N., Ahmadi, S., Rusu, M., Brooks, J., Ng, A., Sonn, G.
LIPPINCOTT WILLIAMS & WILKINS.2019: E1098
- **Concordance between patient-reported and physician-reported sexual function after radical prostatectomy.** *Urologic oncology*
Thong, A. E., Ying Poon, B. n., Lee, J. K., Vertosick, E. n., Sjoberg, D. D., Vickers, A. J., Ehdaie, B. n.
2017
- **Prostate Magnetic Resonance Imaging Interpretation Varies Substantially Across Radiologists.** *European urology focus*
Sonn, G. A., Fan, R. E., Ghanouni, P. n., Wang, N. N., Brooks, J. D., Loening, A. M., Daniel, B. L., To'o, K. J., Thong, A. E., Leppert, J. T.
2017
- **Comparative Effectiveness of Targeted Prostate Biopsy Using Magnetic Resonance Imaging Ultrasound Fusion Software and Visual Targeting: a Prospective Study.** *journal of urology*
Lee, D. J., Recabal, P., Sjoberg, D. D., Thong, A., Lee, J. K., Eastham, J. A., Scardino, P. T., Vargas, H. A., Coleman, J., Ehdaie, B.
2016; 196 (3): 697-702
- **Accuracy of Self-reported Smoking Exposure Among Bladder Cancer Patients Undergoing Surveillance at a Tertiary Referral Center.** *European urology focus*
Thong, A. E., Petruzella, S. n., Orlov, I. n., Zabor, E. C., Ehdaie, B. n., Ostroff, J. S., Bochner, B. H., Furberg Barnes, H. n.
2016; 2 (4): 441–44
- **Unexpected Long-term Improvements in Urinary and Erectile Function in a Large Cohort of Men with Self-reported Outcomes Following Radical Prostatectomy** *EUROPEAN UROLOGY*
Lee, J. K., Assel, M., Thong, A. E., Sjoberg, D. D., Mulhall, J. P., Sandhu, J., Vickers, A. J., Ehdaie, B.

2015; 68 (5): 899-905

- **Development of a realistic in vivo bone metastasis model of human renal cell carcinoma** *CLINICAL & EXPERIMENTAL METASTASIS*
Valta, M. P., Zhao, H., Ingels, A., Thong, A. E., Nolley, R., Saar, M., Peehl, D. M.
2014; 31 (5): 573-584
- **Preclinical trial of a new dual mTOR inhibitor, MLN0128, using renal cell carcinoma tumorgrafts** *INTERNATIONAL JOURNAL OF CANCER*
Ingels, A., Zhao, H., Thong, A. E., Saar, M., Valta, M. P., Nolley, R., Santos, J., Peehl, D. M.
2014; 134 (10): 2322-2329
- **Relating prognosis in chromophobe renal cell carcinoma to the chromophobe tumor grading system.** *Korean journal of urology*
Weinzierl, E. P., Thong, A. E., McKenney, J. K., Jeon, S. H., Chung, B. I.
2014; 55 (4): 239-244
- **Tissue slice grafts of human renal cell carcinoma: An authentic preclinical model with high engraftment rate and metastatic potential** *UROLOGIC ONCOLOGY-SEMINARS AND ORIGINAL INVESTIGATIONS*
Thong, A. E., Zhao, H., Ingels, A., Valta, M. P., Nolley, R., Santos, J., Young, S. R., Peehl, D. M.
2014; 32 (1)
- **Tissue slice grafts of human renal cell carcinoma: an authentic preclinical model with high engraftment rate and metastatic potential.** *Urologic oncology*
Thong, A. E., Zhao, H., Ingels, A., Valta, M. P., Nolley, R., Santos, J., Young, S. R., Peehl, D. M.
2014; 32 (1): 43 e23-30
- **Estimating the risk of chronic kidney disease after nephrectomy** *CANADIAN JOURNAL OF UROLOGY*
Ngo, T. C., Hurley, M. P., Thong, A. E., Jeon, S. H., Leppert, J. T., Chung, B. I.
2013; 20 (6): 7035-7041
- **Nano-scale proteomic profiling to define diagnostic signatures and biomarkers of therapeutic activity in patients with RCC**
Leppert, J. T., Fan, A. C., Metzner, T., Liliental, J. E., Xu, L., Thong, A. E., Yost, C., Yaghi, A., Brooks, J. D., Harshman, L. C., Sabatti, C., Srinivas, S., Felsher, et al
WILEY-BLACKWELL.2013: 14
- **Stage I Testicular Seminoma: A SEER Analysis of Contemporary Adjuvant Radiotherapy Trends.** *journal of urology*
Thong, A. E., Lichtensztajn, D. Y., Almario, L., Ingels, A., Gomez, S. L., Gonzalgo, M. L.
2013; 190 (4): 1240-1244
- **Patient-derived tissue slice grafts accurately depict response of high-risk primary prostate cancer to androgen deprivation therapy** *JOURNAL OF TRANSLATIONAL MEDICINE*
Zhao, H., Thong, A., Nolley, R., Reese, S. W., Santos, J., Ingels, A., Peehl, D. M.
2013; 11
- **Patient-derived tissue slice grafts of high-risk primary prostate cancer: An authentic preclinical model for synthetic lethality-based therapy**
Zhao, H., Thong, A., Nolley, R., Reese, S., Santos, J., Ingels, A., Peehl, D.
AMER ASSOC CANCER RESEARCH.2013
- **PRE-CLINICAL TRIAL OF A NEW DUAL MTOR INHIBITOR: INK128 FOR RENAL CELL CARCINOMA**
Ingels, A., Thong, A., Saar, M., Valta, M., Nolley, R., Santos, J., Zhao, H., Peehl, D.
ELSEVIER SCIENCE INC.2013: E65
- **NANO-SCALE PROTEOMIC PROFILING TO DEFINE DIAGNOSTIC SIGNATURES AND BIOMARKERS OF THERAPEUTIC ACTIVITY IN RCC**
Leppert, J., Fan, A., Liliental, J., Xu, L., Thong, A., Yost, C., Yaghi, A., Metzner, T., Brooks, J., Harshman, L., Sabatti, C., Srinivas, S., Felsher, et al
ELSEVIER SCIENCE INC.2013: E246-E247
- **Nanoscale proteomic profiling to define diagnostic signatures and biomarkers of therapeutic activity in patients with RCC**
Fan, A. C., Leppert, J., Liliental, J. E., Xu, L., Thong, A. E., Yost, C., Yaghi, A., Brooks, J. D., Harshman, L., Sabatti, C., Srinivas, S., Felsher, D. W.
AMER SOC CLINICAL ONCOLOGY.2013
- **Mouse model of primary human renal cell carcinoma metastasis to bone**
Valta, M., Zhao, H., Ingels, A., Thong, A., Nolley, R., Saar, M., Peehl, D.
AMER ASSOC CANCER RESEARCH.2013

- **Comparison of Three Different Tools for Prediction of Seminal Vesicle Invasion at Radical Prostatectomy** *EUROPEAN UROLOGY*
Lughezzani, G., Zorn, K. C., Budaus, L., Sun, M., Lee, D. I., Shalhav, A. L., Zagaya, G. P., Shikanov, S. A., Gofrit, O. N., Thong, A. E., Albala, D. M., Sun, L., Cronin, et al
2012; 62 (4): 590-596
- **Learning From Our Patients: Complications and the Future of Radical Cystectomy for Bladder Cancer** *JOURNAL OF UROLOGY*
Thong, A. E., Gonzalgo, M. L.
2012; 187 (6): 2018-2018
- **ESTIMATING THE RISK OF CHRONIC KIDNEY DISEASE AFTER NEPHRECTOMY**
Tin Ngo, Hurley, M., Thong, A., Jeon, S., Leppert, J., Chung, B.
ELSEVIER SCIENCE INC.2012: E584
- **CLINICOPATHOLOGIC FEATURES AND OUTCOMES OF A CHROMOPHOBE RENAL CELL CARCINOMA SERIES FROM A SINGLE INSTITUTION**
Thong, A., Tin Ngo, Weinzierl, E., Leppert, J., McKenney, J., Chung, B.
ELSEVIER SCIENCE INC.2012: E240
- **Evolution of Open Radical Retropubic Prostatectomy-How Have Open Surgeons Responded to the Challenge of Minimally Invasive Surgery?** *JOURNAL OF ENDOUROLOGY*
Acharya, S. S., Zorn, K. C., Shikanov, S., Thong, A., Zagaja, G. P., Shalhav, A. L., Steinberg, G. D.
2009; 23 (11): 1893-1897
- **Continued improvement of perioperative, pathological and continence outcomes during 700 robot-assisted radical prostatectomies** *CANADIAN JOURNAL OF UROLOGY*
Zorn, K. C., Wille, M. A., Thong, A. E., Katz, M. H., Shikanov, S. A., Razmaria, A., Gofrit, O. N., Zagaja, G. P., Shalhav, A. L.
2009; 16 (4): 4742-4749
- **MULTI-INSTITUTIONAL EXTERNAL VALIDATION OF SEMINAL VESICLE INVASION NOMOGRAMS: HEAD-TO-HEAD COMPARISON OF GALLINA NOMOGRAM VERSUS 2007 PARTIN TABLES** *INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS*
Zorn, K. C., Capitanio, U., Jeldres, C., Arjane, P., Perrotte, P., Shariat, S. F., Lee, D. I., Shalhav, A. L., Zagaja, G. P., Shikanov, S. A., Gofrit, O. N., Thong, A. E., Albala, et al
2009; 73 (5): 1461-1467
- **Robotic Radical Prostatectomy in Overweight and Obese Patients: Oncological and Validated-Functional Outcomes** *UROLOGY*
Wiltz, A. L., Shikanov, S., Eggener, S. E., Katz, M. H., Thong, A. E., Steinberg, G. D., Shalhav, A. L., Zagaja, G. P., Zorn, K. C.
2009; 73 (2): 316-322
- **A Single Microfocus (5% or Less) of Gleason 6 Prostate Cancer at Biopsy-Can We Predict Adverse Pathological Outcomes?** *JOURNAL OF UROLOGY*
Thong, A. E., Shikanov, S., Katz, M. H., Gofrit, O. N., Eggener, S., Zagaja, G. P., Shalhav, A. L., Zorn, K. C.
2008; 180 (6): 2436-2440
- **Robotic laparoscopic radical prostatectomy for biopsy gleason 8 to 10: Prediction of favorable pathologic outcome with preoperative parameters** *JOURNAL OF ENDOUROLOGY*
Shikanov, S. A., Thong, A., Gofrit, O. N., Zagaja, G. P., Steinberg, G. D., Shalhav, A. L., Zorn, K. C.
2008; 22 (7): 1477-1481
- **The cemented all-polyethylene acetabular cup: Factors affecting survival with emphasis on the integrated polyethylene spacer - An analysis of the effect of cement spacers, cement mantle thickness, and acetabular angle on the survival of total hip arthroplasty** *JOURNAL OF ARTHROPLASTY*
Faris, P. M., Ritter, M. A., Keating, E. M., Thong, A. E., Davis, K. E., Meding, J. B.
2006; 21 (2): 191-198
- **The effect of femoral notching during total knee arthroplasty on the prevalence of postoperative femoral fractures and on clinical outcome.** *journal of bone and joint surgery. American volume*
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2005; 87 (11): 2411-2414
- **Simultaneous bilateral versus unilateral total hip arthroplasty - An outcomes analysis** *JOURNAL OF ARTHROPLASTY*
Berend, M. E., Ritter, M. A., Harty, L. D., Davis, K. E., Keating, E. M., Meding, J. B., Thong, A. E.
2005; 20 (4): 421-426

- **The role of cemented sockets in 2004 - Is there one?** *JOURNAL OF ARTHROPLASTY*
Ritter, M. A., Thong, A. E.
2004; 19 (4): 92-94
- **Long-term deterioration of joint evaluation scores.** *journal of bone and joint surgery. British volume*
Ritter, M. A., Thong, A. E., Davis, K. E., Berend, M. E., Meding, J. B., Faris, P. M.
2004; 86 (3): 438-442
- **Intra-operative findings in varus osteoarthritis of the knee. An analysis of pre-operative alignment in potential candidates for unicompartmental arthroplasty.** *journal of bone and joint surgery. British volume*
Ritter, M. A., Faris, P. M., Thong, A. E., Davis, K. E., Meding, J. B., Berend, M. E.
2004; 86 (1): 43-47
- **Total joint arthroplasty in the extremely elderly - Hip and knee arthroplasty after entering the 89th year of life** *JOURNAL OF ARTHROPLASTY*
Berend, M. E., Thong, A. E., Faris, G. W., Newbern, G., Pierson, J. L., Ritter, M. A.
2003; 18 (7): 817-821