

Mr Timothy Chan Chang

- Clinical Instructor, Urology
- Fellow in Medicine
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Bio

INSTITUTE AFFILIATIONS

- Clinical Instructor, Urology

Publications

PUBLICATIONS

- **Image-Guided Transurethral Resection of Bladder Tumors - Current Practice and Future Outlooks.** *Bladder cancer (Amsterdam, Netherlands)*
Chang, T. C., Marcq, G., Kiss, B., Trivedi, D. R., Mach, K. E., Liao, J. C.
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- **In vivo biodistribution and toxicity of intravesical administration of quantum dots for optical molecular imaging of bladder cancer.** *Scientific reports*
Pan, Y., Chang, T., Marcq, G., Liu, C., Kiss, B., Rouse, R., Mach, K. E., Cheng, Z., Liao, J. C.
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- **Optical Biopsy of Bladder Cancer Using Crowd-Sourced Assessment.** *JAMA surgery*
Chen, S. P., Kirsch, S., Zlatev, D. V., Chang, T., Comstock, B., Lendvay, T. S., Liao, J. C.
2016; 151 (1): 90-93
- **Endoscopic molecular imaging of human bladder cancer using a CD47 antibody** *SCIENCE TRANSLATIONAL MEDICINE*
Pan, Y., Volkmer, J., Mach, K. E., Rouse, R. V., Liu, J., Sahoo, D., Chang, T. C., Metzner, T. J., Kang, L., van de Rijn, M., Skinner, E. C., Gambhir, S. S., Weissman, et al
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- **A small molecule p75(NTR) ligand prevents cognitive deficits and neurite degeneration in an Alzheimer's mouse model.** *Neurobiology of aging*
Knowles, J. K., Simmons, D. A., Nguyen, T. V., Vander Griend, L., Xie, Y., Zhang, H., Yang, T., Pollak, J., Chang, T., Arancio, O., Buckwalter, M. S., Wyss-Coray, T., Massa, et al
2013; 34 (8): 2052-2063
- **Interobserver agreement of confocal laser endomicroscopy for bladder cancer.** *Journal of endourology*
Chang, T. C., Liu, J., Hsiao, S. T., Pan, Y., Mach, K. E., Leppert, J. T., McKenney, J. K., Rouse, R. V., Liao, J. C.
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- **Probe-based Confocal Laser Endomicroscopy of the Urinary Tract: The Technique** *JOVE-JOURNAL OF VISUALIZED EXPERIMENTS*
Chang, T. C., Liu, J., Liao, J. C.
2013
- **Molecular imaging of urothelial cancer using EGFR-binding peptides**
Pan, Y., Liu, J., Chang, T. C., Hsiao, S., Mach, K. E., Liao, J. C.
AMER ASSOC CANCER RESEARCH.2012
- **INTEROBSERVER AGREEMENT AND ACCURACY OF CONFOCAL LASER ENDOMICROSCOPY FOR IN VIVO DIAGNOSIS OF BLADDER CANCER**
Chang, T., Liu, J., Hsiao, S., Pan, Y., McKenney, J., Liao, J.

ELSEVIER SCIENCE INC.2012: E716

- **Next generation of optical diagnostics for bladder cancer using probe-based confocal laser endomicroscopy** *Conference on Photonic Therapeutics and Diagnostics VIII*
Liu, J., Chang, T. C., Pan, Y., Hsiao, S. T., Mach, K. E., Jensen, K. C., Liao, J. C.
SPIE-INT SOC OPTICAL ENGINEERING.2012
- **Small Molecule, Non-Peptide p75(NTR) Ligands Inhibit A beta-Induced Neurodegeneration and Synaptic Impairment** *PLOS ONE*
Yang, T., Knowles, J. K., Lu, Q., Zhang, H., Arancio, O., Moore, L. A., Chang, T., Wang, Q., Andreasson, K., Rajadas, J., Fuller, G. G., Xie, Y., Massa, et al
2008; 3 (11)