

# Stanford

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## Luis Soto

Postdoctoral Scholar, Radiation Therapy

### Bio

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#### STANFORD ADVISORS

- Billy Loo, Postdoctoral Faculty Sponsor

### Publications

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#### PUBLICATIONS

- **FLASH Irradiation Results in Reduced Severe Skin Toxicity Compared to Conventional-Dose-Rate Irradiation.** *Radiation research*  
Soto, L. A., Casey, K. M., Wang, J. n., Blaney, A. n., Manjappa, R. n., Breitzkreutz, D. n., Skinner, L. n., Dutt, S. n., Ko, R. B., Bush, K. n., Yu, A. S., Melemenidis, S. n., Strober, et al  
2020
- **Evaluating the Reproducibility of Mouse Anatomy under Rotation in a Custom Immobilization Device for Conformal FLASH Radiotherapy.** *Radiation research*  
Ko, R. B., Soto, L. A., von Eyben, R. n., Melemenidis, S. n., Rankin, E. B., Maxim, P. G., Graves, E. E., Loo, B. W.  
2020
- **A near-infrared phosphorescent nanoprobe enables quantitative, longitudinal imaging of tumor hypoxia dynamics during radiotherapy.** *Cancer research*  
Zheng, X., Cui, L., Chen, M., Soto, L. A., Graves, E. E., Rao, J.  
2019
- **The role of granulocyte macrophage colony stimulating factor (GM-CSF) in radiation-induced tumor cell migration.** *Clinical & experimental metastasis*  
Vilalta, M., Brune, J., Rafat, M., Soto, L., Graves, E. E.  
2018
- **Macrophages Promote Circulating Tumor Cell-Mediated Local Recurrence Following Radiation Therapy in Immunosuppressed Patients.** *Cancer research*  
Rafat, M. n., Aguilera, T. A., Vilalta, M. n., Bronsart, L. L., Soto, L. A., von Eyben, R. n., Golla, M. A., Ahrari, Y. n., Melemenidis, S. n., Afghahi, A. n., Jenkins, M. J., Kurian, A. W., Horst, et al  
2018