



## David Anders

Director of Research, Rad/Molecular Imaging Program at Stanford

### Bio

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#### CURRENT ROLE AT STANFORD

Director of the Cyclotron and Radiochemistry Facility

The CRF team is excited to be designing our second cyclotron facility where we will expand production into radiometals.

#### EDUCATION AND CERTIFICATIONS

- PhD, Imperial College London , Chemistry (2017)
- MSc, University of Bristol , Chemistry (2012)

### Publications

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#### PUBLICATIONS

- **18F-PI-2620 Tau PET is associated with cognitive and motor impairment in Lewy body disease.** *Brain communications*  
Winer, J. R., Vossler, H., Young, C. B., Smith, V., Romero, A., Shahid-Besanti, M., Abdelnour, C., Wilson, E. N., Anders, D., Pacheco Morales, A., Andreasson, K. I., Yutsis, M. V., Henderson, et al  
2025; 7 (1): fcae458
- **Advancing In Vivo Detection of T-Cell Function: Development and Preclinical Evaluation of 89Zr-ivuxolimab, a Human OX40 PET Tracer.** *Journal of nuclear medicine : official publication, Society of Nuclear Medicine*  
Kalita, M., Kuo, R. C., Reyes, S. T., Colburg, D. R., Falk, I. N., Anders, D., Vermesh, O., Hayee, S., Azevedo, E. C., Nagy, S. C., Deal, E. M., Chen, A. A., Kong, et al  
2025
- **Localization of sentinel lymph nodes using augmented-reality system: a cadaveric feasibility study.** *European journal of nuclear medicine and molecular imaging*  
Duan, H., Yang, Y., Niu, W. L., Anders, D., Dreisbach, A. M., Holley, D., Franc, B. L., Perkins, S. L., Leuze, C., Daniel, B. L., Baik, F. M.  
2025
- **Efficient radiolabeling of mesoporous silica nanoparticles for single-cell PET imaging.** *European journal of nuclear medicine and molecular imaging*  
Khan, S., Zhong, X., Das, N., Yu, J. H., Natarajan, A., Anders, D., Pratx, G.  
2024
- **[18F]PI-2620 Tau PET signal across the aging and Alzheimer's disease clinical spectrum.** *Imaging neuroscience (Cambridge, Mass.)*  
Young, C. B., Vossler, H., Romero, A., Smith, V., Park, J., Trelle, A. N., Winer, J. R., Wilson, E. N., Zeineh, M. M., Sha, S. J., Khalighi, M., Yutsis, M. V., Morales, et al  
2024; 2
- **[18F]PI-2620 Tau PET signal across the aging and Alzheimer's disease clinical spectrum** *IMAGING NEUROSCIENCE*

Young, C. B., Vossler, H., Romero, A., Smith, V., Park, J., Trelle, A. N., Winer, J. R., Wilson, E. N., Zeineh, M. M., Sha, S. J., Khalighi, M., Yutsis, M. V., Morales, et al  
2024; 2: 18

- **PET/MRI Mixed Reality for Intraoperative Localization of Sentinel Lymph Nodes in Head and Neck Melanoma**  
Duan, H., Daniel, B., Baik, F., Anders, D., Holley, D., Franc, B.  
SOC NUCLEAR MEDICINE INC.2024
- **PET imaging of focused-ultrasound enhanced delivery of AAVs into the murine brain.** *Theranostics*  
Ajenjo, J., Seo, J. W., Foiret, J., Wu, B., Raie, M. N., Wang, J., Fite, B. Z., Zhang, N., Malek, R., Beinat, C., Malik, N., Anders, D. A., Ferrara, et al  
2023; 13 (15): 5151-5169
- **Preclinical evaluation of 89Zr-Panitumumab for biology-guided radiotherapy.** *International journal of radiation oncology, biology, physics*  
Natarajan, A., Khan, S., Liang, X., Nguyen, H., Das, N., Anders, D., Malik, N., Oderinde, O. M., Chin, F., Rosenthal, E., Prax, G.  
2023
- **Multimodal imaging of capsid and cargo reveals differential brain targeting and liver detargeting of systemically-administered AAVs.** *Biomaterials*  
Seo, J. W., Ajenjo, J., Wu, B., Robinson, E., Raie, M. N., Wang, J., Tumbale, S. K., Buccino, P., Anders, D. A., Shen, B., Habte, F. G., Beinat, C., James, et al  
2022: 121701
- **Radiosynthesis and initial preclinical evaluation of [11C]AZD1283 as a potential P2Y12R PET radiotracer.** *Nuclear medicine and biology*  
Jackson, I. M., Buccino, P. J., Azevedo, E. C., Carlson, M. L., Luo, A. S., Deal, E. M., Kalita, M., Reyes, S. T., Shao, X., Beinat, C., Nagy, S. C., Chaney, A. M., Anders, et al  
2022
- **Synthesis and Characterization of 9-(4-[18F]Fluoro-3-(hydroxymethyl)butyl)-2-(phenylthio)-6-oxopurine as a Novel PET Agent for Mutant Herpes Simplex Virus Type 1 Thymidine Kinase Reporter Gene Imaging.** *Molecular imaging and biology*  
Fuchigami, T., Haywood, T., Gowrishankar, G., Anders, D., Namavari, M., Wardak, M., Gambhir, S. S.  
2020
- **Synthesis and validation of [F-18]6''-fluoromaltotriose, a radiotracer for imaging bacterial infections**  
Haywood, T., Namavari, M., Anders, D., Gambhir, S.  
WILEY.2019: S315–S316
- **Synthesis and characterization of 9-(4fluoro-3-(hydroxymethyl)butyl)-2-(phenylthio)6-oxopurine ([F-18]FHBT) as a PET tracer for HSV1-tk reporter gene imaging**  
Fuchigami, T., Haywood, T., Gowrishankar, G., Anders, D., Namavari, M., Gambhir, S.  
WILEY.2019: S537–S538
- **The discovery of quinoline-3-carboxamides as hematopoietic prostaglandin D synthase (H-PGDS) inhibitors.** *Bioorganic & medicinal chemistry*  
Deaton, D. N., Do, Y., Holt, J., Jeune, M. R., Kramer, H. F., Larkin, A. L., Orband-Miller, L. A., Peckham, G. E., Poole, C., Price, D. J., Schaller, L. T., Shen, Y., Shewchuk, et al  
2019
- **Electrochemical [(11)C]CO<sub>2</sub> to [(11)C]CO conversion for PET imaging.** *Chemical communications (Cambridge, England)*  
Anders, D. A., Bongarzone, S., Fortt, R., Gee, A. D., Long, N. J.  
2017; 53 (20): 2982-2985