



David Anders

Director, Cyclotron and Radiochemistry Facility, Rad/Molecular Imaging Program at Stanford

Bio

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

PUBLICATIONS

- **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., Pratz, 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 [¹⁸F]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]CO₂ 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