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Qualifications

- 2011-2013 IRB Barcelona International Postdoctoral Fellowship co-funded by EU Marie Curie Actions. Institute for Research in Biomedicine (IRB Barcelona), Barcelona, Spain
- 2011 PhD in Physics and Chemistry of Biological Systems, International School for Advanced Studies (SISSA/ISAS), Trieste, Italy
- 2007 MSc in Pharmaceutical Chemistry and Technology, University of Bologna, Alma Mater Studiorum, Italy

Research output

Radiosynthesis, Preclinical, and Clinical Positron Emission Tomography Studies of Carbon-11 Labeled Endogenous and Natural Exogenous Compounds

Shegani, A., Kealey, S., Luzi, F., Basagni, F., Machado, J. D. M., Dogan Ekici, S., Ferocino, A., Gee, T. & Bongarzone, S., 18 Nov 2022, In: Chemical Reviews. 125 p.

Perspectives on nuclear chemistry, radiochemistry, PET/SPECT imaging and radiotherapy

Bongarzone, S., Cai, Z., Caillé, F., Deri, M., Ekoume, F. P., Shegani, A. & Radchenko, V., 1 Sept 2022, In: Nuclear Medicine and Biology. 112-113, p. 66-67 2 p.

EANM guideline for harmonisation on molar activity or specific activity of radiopharmaceuticals: impact on safety and imaging quality

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Silicon Compounds in Carbon-11 Radiochemistry: Present Use and Future Perspectives

Luzi, F., Gee, T. & Bongarzone, S., 28 Aug 2021, In: ORGANIC AND BIOMOLECULAR CHEMISTRY. 19, 32, p. 6916-6925 10 p.

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Rapid one-pot radiosynthesis of [carbonyl- ^{11}C]formamides from primary amines and [^{11}C]CO₂

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Rapid One-Pot Radiosynthesis of [carbonyl-¹¹C]Formamides from Primary Amines and [¹¹C]CO₂
Luzi, F., Gee, T. & Bongarzone, S., 16 Jul 2020, (Accepted/In press) In: EJNMMI Radiopharmacy and Chemistry.

Carbon-11 carboxylation of trialkoxysilane and trimethylsilane derivatives using [¹¹C]CO₂
Bongarzone, S., Raucci, N., Fontana, I. C., Luzi, F. & Gee, A. D., 30 Apr 2020, In: Chemical communications (Cambridge, England). 56, 34, p. 4668-4671 4 p.

Radiolabeling of [¹¹C]FPS-ZM1, a receptor for advanced glycation end products-targeting positron emission tomography radiotracer, using a [¹¹C]CO₂-to-[¹¹C]CO chemical conversion
Luzi, F., Savickas, V., Taddei, C., Hader, S., Singh, N., Gee, A. D. & Bongarzone, S., Mar 2020, In: Future Medicinal Chemistry. 12, 6, p. 511-521 11 p.

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Haji Dheere, A. K. O., Bongarzone, S., Shakir, D. & Gee, A., 10 Dec 2018, In: Journal of Chemistry. 7641304.

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Bongarzone, S., Basagni, F., Sementa, T., Singh, N., Gakpetor, C., Faugeras, V., Bordoloi, J. & Gee, A. D., 9 Nov 2018, (E-pub ahead of print) In: Nuclear Medicine and Biology. 68-69, p. 14-21

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Bongarzone, S., Runser, A., Taddei, C., Dheere, A. K. H. & Gee, A. D., 27 Apr 2017, (E-pub ahead of print) In: Chemical communications (Cambridge, England). 53, 38, p. 5334-5337 4 p.

Medicinal Chemistry of Hybrids for Neurodegenerative Diseases
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