

[Ao. Univ.-Prof. Dr. Helmut Spreitzer \(recent publications\):](#)

2021

Ozenil M., Skos L., Roller A., Gajic N., Holzer W., Spreitzer H., Platzer-Ozenil S., Vranka C., Hacker M., Wadsak W., Pichler V.

Unexpected scaffold rearrangement product of pirenzepine found in commercial samples
Scientific Reports **2021**, 11 (1), 2045-2322 (Q1, IF=4,379)

Philippe C., Klebermass E.-M., Balber T., Kulterer O. C., Zeilinger M., Egger G., Dumanic M., Herz C. T., Kiefer F. W., Scheuba C., Scherer T., Fuernsinn C., Vranka C., Pallitsch K., Spreitzer H., Wadsak W., Viernstein H., Hacker M., Mitterhauser M.

Discovery of melanin-concentrating hormone receptor 1 in brown adipose tissue
Annals of the New York Academy of Sciences **2021**, 0077-8923 (Q1, IF=4,833)

2020

Ozenil M., Aronow J., Piljak D., Vranka C., Holzer W., Spreitzer H., Wadsak W., Hacker M., Pichler V.
Synthesis, biological, and computational evaluation of antagonistic, chiral hydrobenzoin esters of arecaidine targeting mAChR M1

Pharmaceuticals **2020**, 13(12), 437, (Q1, IF=4.286)

Ozenil M., Pacher K., Balber T., Vranka C., Roller A., Holzer W., Spreitzer H., Mitterhauser M., Wadsak W., Hacker M., Pichler V.

Enhanced arecoline derivatives as muscarinic acetylcholine receptor M1 ligands for potential application as PET radiotracers

European Journal of Medicinal Chemistry **2020**, 204, 112623, (Q1, IF=5.573)

2019

Balber T., Bencurova K., Kiefer F.W., Kulterer O. C., Klebermass E.-M., Egger G., Tran L., Wagner K.-H., Viernstein H., Pallitsch K., Spreitzer H., Hacker M., Wadsak W., Mitterhauser M., Philippe C.

In vitro Radiopharmaceutical Evidence for MCHR1 Binding Sites in Murine Brown Adipocytes
Frontiers in Endocrinology **2019**, 1664-2392, (Q2, 3.675)

Philippe C., Zeilinger M., Dumanic M., Pichler F., Fetty L., Vranka C., Balber T., Wadsak W., Pallitsch K., Spreitzer H., Lanzenberger R., Hacker M., Mitterhauser M.

SNAPshots of the MCHR1: a Comparison Between the PET-Tracers [18F]FE@SNAP and [11C]SNAP-7941.

Molecular Imaging and Biology **2019**, 21, 2, 257-268, (Q1, 3.292)

2018

Balber T., Singer J., Berroteran-Infante N., Dumanic M., Fetty L., Fazekas-Singer J., Vranka C., Nics L., Bergmann M., Pallitsch K., Spreitzer H., Wadsak W., Hacker M., Jensen-Jarolim E., Viernstein H., Mitterhauser M.

Preclinical In Vitro and In Vivo Evaluation of [F-18]FE@SUPPY for Cancer PET Imaging: Limitations of a Xenograft Model for Colorectal Cancer

Contrast Media & Molecular Imaging **2018**, 1269830/1-1269830/9, (Q1, 3.170)

Langer T., Spreitzer H., Ditzfurth T., Stemer G., Atkinson J.

Pharmacy Practice and Education in Austria

Pharmacy (Basel, Switzerland) **2018**, 6(3).

2017

Zeilinger M., Dumanic M., Pichler F., Budinsky L., Wadsak W., Pallitsch K., Spreitzer H., Lanzenberger R., Hacker M., Mitterhauser M., Philippe C.

In vivo evaluation of radiotracers targeting the melanin-concentrating hormone receptor 1:

[(11)C]SNAP-7941 and [(18)F]FE@SNAP reveal specific uptake in the ventricular system

Scientific Reports **2017**, 7(1), 1-10., (Q1, 4.543)

Zeilinger M., Pichler F., Nics L., Wadsak W., Spreitzer H., Hacker M., Mitterhauser M.

New approaches for the reliable in vitro assessment of binding affinity based on high-resolution real-time data acquisition of radioligand-receptor binding kinetics

Europ. J. Nucl. Med. Mol. Imaging **2017**, 7(1), 22, (Q1, 7.084)

2016

Shanab K., Neudorfer C., Spreitzer H.

Green solvents in organic synthesis: An overview II

Curr Org Chem **2016**, 20 (15), 1576-1583, (Q3, 2.107)

Philippe C., Haeusler D., Scherer T., Fürsinn C., Zeilinger M., Wadsak W., Shanab K., Spreitzer H., Hacker M., Mitterhauser M.

(18)F]FE@SNAP-a specific PET tracer for melanin-concentrating hormone receptor 1 imaging ?

Europ. J. Nucl. Med. Mol. Imaging **2016**, 6(1), 31, (Q1, 6.536)