

Curriculum vitae

Mag. Dr. Verena Pichler

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Place, Date of Birth: Steyr, 03.12.1984

Nationality: Austria



Employment History

- 01/2018 – up to date Medical University of Vienna – Section Head Medical Radiochemistry and Biomarker Development
Head of Production Radiopharmaceutical Production
Department of Biomedical Imaging and Image-guided Therapy
- 10/2017 – up to date University of Vienna – External Lecturer
- 05/2016 – 12/2017 Medical University of Vienna – PostDoc,
Deputy Production Manager of Radiopharmaceutical Production
Department of Biomedical Imaging and Image-guided Therapy
- 05/2016 – 10/2017 University of Applied Sciences Technikum Vienna – External Lecturer
- 09/2014 – 04/2016 University of Applied Sciences Technikum Vienna – Lecturer and Research Associate - Competence Team Teaching “Cell Culture Techniques”
- 09/2013 – 05/2014 University of Vienna – PostDoc, Institute of Inorganic Chemistry, Cell Culture Facility
- 01/2010 – 08/2013 University of Vienna – PraeDoc, Institute of Inorganic Chemistry

Education

- 07.10.-09.10.2019 Fundamental course radiation protection safety guard
Seibersdorf academy
- 02/2018 – 02/2020 ETH Zurich – Certificate of Advanced Studies (CAS) in Radiopharmaceutical Chemistry/Radiopharmacy
Covering European Drug Legislation, Quality Assurance, GMP, Radiopharmaceutical Chemistry, Radiopharmacology and Clinical Radiopharmacy
- 06.08.2013 Ph.D. graduation in chemistry with distinction (Dr. rer. nat.)
- 12/2009 – 08/2013 Ph.D. thesis in chemistry at University of Vienna
Title: “Development of novel strategies for the synthesis of antiproliferative Pt^{IV} complexes with mixed axial ligands”

03/2011 – 04/2011 Complementary research at Medicinal University of Vienna
27.10.2009 Master graduation in chemistry with distinction (Mag. rer. nat.)
03/2009 – 11/2009 Diploma thesis at University of Vienna
Title: *“Synthesis and characterisation of novel antitumour active platinum(IV) compounds”*
2005 – 2009 Studies of chemistry at University of Vienna
2004 – 2005 Studies of economics at Vienna University of Economics and Business (WU)
1991 – 2004 Elementary and secondary school (Matura) in Upper Austria, Steyr

Language skills

German Native
English Fluently
French Basic skills

Awards and Scholarships

2015 Excellence prize: **“Talentförderungsprämie des Landes Oberösterreich”** (awarded based on excellence in science) (Austria)
2009, 2010, 2013 Performance Scholarship of the University of Vienna
2009 Performance Scholarship (Leistungsstipendium aus Stiftung und Sondervermögen) of the University of Vienna offered by private institutions

Memberships, Volunteer and Interests

Member of the Austrian Chemical Society (GÖCH),
Austrian Society for Nuclear Medicine (OGNMB),
Society of Radiopharmaceutical Sciences (SRS), Member of the SRS-ThinkTank
European Association of Nuclear Medicine (EANM),
Arbeitsgemeinschaft Radiochemie Radiopharmazie der Deutschen Gesellschaft für Nuklearmedizin (AGRR)
Nodespeaker of the Medical Imaging Cluster (MIC)
Running, Aerobics, Long-distance hiking, Dragonboat paddling



Vienna 12.12.2019

Publicationlist

ORCID: <https://orcid.org/0000-0003-4544-243>

Projects:

FFG Bridge 30

Principal investigator

“Dynamic column-based 3D cell culture method for drug and radiotracer evaluation”

H-factor: 11

Peer-Reviewed Publications

- [37] Rasul S, Geist B.K., Brath H., Baltzer P., Sunda L.K.S., Pichler V., Mitterhauser M., Kautzky-Willer A., Hacker M. “**Response evaluation to SGLT2 inhibitor therapy in patients with type 2 diabetes mellitus using 18F-FDG PET/MRI**” *BMJ Open Diabetes Research & Care*, 2020, accepted.
- [36] Unterholzer J.; Gryglewski G.; Philippe C.; Seiger R.; Pichler V.; Godbersen G.M.; Berroterán-Infante N.; Murgas M.; Hahn A.; Wadsak W.; Mitterhauser M.; Kasper S.; Lanzenberger R. “**Topologically Guided prioritization of candidate gene transcripts coexpressed with the 5-HT1A receptor by combining in vivo PET and allen human brain atlas data**” *Cerebral Cortex*, 2020;00: 1-10.
- [35] Beitzke D.; Razul S.; Lyngby Lassen M.; Pichler V.; Senn D.; Stelmüller M.E.; Nolz R.; Loewe C.; Hacker M. “**Assessment of myocardial viability in ischemic heart disease by PET/MRI: comparison of left ventricular perfusion, hibernation, and scar burden**” *Academic Radiology*, 2020, 2, 188-197.
- [34] Weidenauer A.; Bauer M.; Sauerzopf U.; Bartova L.; Pfaff S.; Nics L.; Philippe C.; Berroterán-Infante N.; Pichler V.; Meyer B.; Rabl U.; Sezen P.; Cumming P.; Stimpf T.; Sitte H.H.; Lanzenberger R.; Mossaheb N.; Zimprich A.; Rusjan P.; Dorffner G.; Mitterhauser M.; Hacker M.; Pezawas L.; Kasper S.; Wadsak W.; Praschak-Rieder N.; Willeit M. “**On the relationship of first-episode psychosis to the amphetamine-sensitized state: a dopamine D2/3 receptor agonist radioligand study**” *Translational Psychiatry*, 2020, 10(2).
- [33] Pichler V.*, Ozenil M.; Bamminger K., Vranka C., Hacker M., Langer O., Wadsak W. “**Pitfalls and solutions of the radiosynthesis of [¹¹C]metoclopramid**” *EJNMMI Radiopharm. Chem.*, 2019, 18(4), 31.
- [32] Mayerhoefer M.E., Haug A., Jaeger U.G., Kazianka L., Pfaff S., Pichler V., Wester H.J., Staber P.B. “**In human visualization of ibrutinib-induced CLL compartment shift**” *Blood*, 2019, 134, 1750.
- [31] Pfaff S., Philippe C., Nics L., Berroterán-Infante N., Rami-Mark C., Willeit M., Weidenauer A., Sauerzopf U., Mitterhauser M., Hacker M., Wadsak W., Pichler V. “**Towards the optimization of (+)-[¹¹C]PHNO synthesis: time reduction and process validation**” *Contrast Media Mol. Imaging*, 2019. doi:10.1155/2019/429259.
- [30] Silberbauer L., Gryglewski G., Berroterán-Infante N., Rischka L., Vanicek T., Pichler V., Hienert M., Kautzky A., Philippe C., Godbersen G. M., Vranka C., James G.M., Wadsak W., Mitterhauser M., Hacker M., Kasper S., Hahn A., Lanzenberger R. “**Serotonin transporter binding in the human brain after pharmacological challenge measured using PET and PET/MR**” *Frontiers Mol. Neuroscience*, 2019, 12, 172.
- [29] Nakuz T.S.; Portela-Millinger F.; El-Rabadi K.; Weber M.; Pichler V.; Wadsak W.; Mitterhauser M.; Haug A.; Hacker M.; Karanikas G.; Pietschmann P.; Agis H. “**Characterization of bone lesions in myeloma –before and during anti-cancer therapy- using [¹⁸F]FDG-PET/CT and [¹⁸F]fluoride PET/CT**” *Anticancer research*, 2019, 39(4), 1943-52.
- [28] Gryglewski G., Klöbl M., Berroterán-Infante N., Rischka L., Balber T., Vanicek T., Pichler V., Kautzky A., Klebermass E.M., Reed M.B., Hienert M., Vranka C., James G.M., Silberbauer L., Godbersen G.M., Unterholzner J., Michenthaler P., Hartenbach M., Winkler-Pjrek E., Wadsak W., Mitterhauser M., Hahn A., Hacker M., Kasper S., Lanzenberger R. “**Modeling the acute pharmacological response to selective serotonin reuptake inhibitors in human brain using simultaneous PET/MR imaging.**” *Eur. Neuropsychopharmacol.* 2019, 29(6), 711-719.
- [27] Beitzke D.; Wielander A.; Wollenweber T.; Vranka C.; Pichler V.; Uyanik-Uenal K.; Uyanik-Uenal K.; Zuckermann A.; Greiser A.; Hacker M.; Loewe C. “**Assessment of sympathetic re-innervation after cardiac transplantation using hybrid cardiac PET/MRI – a pilot study**” 2019, *J. Magnetic Resonance Imag.*, 2019, 50(4), 1326-1335.
- [26] Vranka C., Pichler V.*, Pfaff S., Balber T., Hacker M., Mitterhauser M., Wadsak W., Philippe C. “**Optimized automated synthesis and real-time kinetic evaluation of [¹¹C]SNAP-7941.**” *JOVE*, 2019, 146, e59557.

- [25] Baldinger-Melich P.; Gryglewski G.; Philippe C.; James G.; Vranka C.; Silberbauer L.; Balber T.; Vanicek T.; Pichler V.; Unterholzner J.; Kranz G.; Hahn A.; Winkler D.; Mitterhauser M.; Wadsak W.; Hacker M.; Kasper S.; Frey R.; Lanzenberger R. **"The effect of electroconvulsive therapy on cerebral monoamine oxidase A expression in treatment-resistant depression investigated using positron emission tomography"** *Brain Stimulation*, **2019**, S1935-861X(18)3195-0.
- [24] Vranka C., Pichler V.*, Berroteran-Infante N., Wollenweber T., Pillinger A., Hohensinner M., Fetty L., Beitzke D., Li X., Philippe C., Pallitsch K., Mitterhauser M., Hacker M., Wadsak W. **"Optimization of the automated synthesis of [¹¹C]mHED – administered and apparent molar activity"** *Pharmaceuticals*, **2019**, 14;45(1).
- [23] Tournier N.; Bauer M.; Pichler V.; Nics L.; Klebermass E.M.; Bamminger K.; Poschner S.; Matzner J.; Weber M.; Karch R.; Caillé F.; Auvity S.; Solène M.; Jäger W.; Wadsak W.; Hacker M.; Zeitlinger M.; Langer O. **"Impact of P-glycoprotein Function on the Brain Kinetics of the Weak Substrate 11C-Metoclopramide Assessed with PET Imaging in Humans"** *J. Nuc. Med.*, **2019**, 118.219972.
- [22] Klose H.M. Klose, Theiner S.; Varbanov H.P.; Höfer D.; Pichler V.; Galanski M.; Meier-Menches S.M.; Keppler B.K. **"Development and Validation of Liquid Chromatography-Based Methods to Assess the Lipophilicity of Platinum(IV) Anticancer Agents"** *Inorganics*, **2018**, 6(4), 130.
- [21] Pfaff S.; Nehring T.; Pichler V.; Cardinale J.; Mitterhauser M.; Hacker M.; Wadsak W. **"Development and evaluation of a fast and valid analysis of HEPEs determination in ⁶⁸Ga-radiotracers"** *EJNMMI Research* **2018**, 8, 95.
- [20] Spies M.; James G.; Vranka C.; Philippe C.; Hienert M.; Gryglewski G.; Komorowski A.; Kautzky A.; Silberbauer L.; Pichler V.; Kranz G.; Nics L.; Balber T.; Baldinger-Melich P.; Vanicek T.; Spurny B.; Winkler-Pjrek E.; Wadsak W.; Mitterhauser M.; Hacker M.; Kasper K.; Winkler D.; Lanzenberger R. **"Brain Monoamine Oxidase A in Seasonal Affective Disorder and Treatment with Bright Light Therapy"**. *Transl. Psychiatry*, **2018**, 8(1), 198.
- [19] Pichler V.*; Zenz T.; Philippe C.; Vranka C.; Berroterán-Infante N.; Pfaff S.; Nics L.; Ozenil M.; Langer O.; Willeit M.; Traub-Weidinger T.; Lanzenberger R.; Mitterhauser M.; Hacker M.; Wadsak W. **"Molar activity – the keystone in ¹¹C-radiochemistry: an explorative study using the gas phase method."** *Nuc. Med. Biol.*, **2018**, 67, 21-26.
- [18] Pichler V.*; Vranka C.; Berroterán-Infante N.; Krcal A.; Eidherr H.; Traub-Weidinger T.; Hacker M.; Mitterhauser M.; Wadsak W. **"L-[³S-methyl-¹¹C]methionine – an example of radiosynthetic optimization"** *Appl. Rad. Isotopes*, **2018**, 141, 107-111.
- [17] Philippe C.; Mairinger S.; Pichler V.; Stanek J.; Nics L.; Mitterhauser M.; Hacker M.; Wanek T.; Langer O.; Wadsak W. **"Comparison of fully-automated radiosyntheses of [¹¹C]erlotinib for preclinical and clinical use starting from in target produced [¹¹C]CO₂ or [¹¹C]CH₄"** *EJNMMI Radiopharm. Chem.*, **2018**, 3(1), 8-16.
- [16] Pfaff S.; Philippe C.; Pichler V.; Hacker M.; Mitterhauser M.; Wadsak W. **"Microfluidic ⁶⁸Ga-labeling: A proof of principle study"** *Dalton Trans.*, **2018**, 47(17), 5997-6004.
- [15] Pichler V.; Berroterán-Infante N.; Philippe C.; Vranka C.; Klebermass E.K.; Balber T.; Pfaff S.; Nics L.; Mitterhauser M.; Wadsak W. **"An overview on PET radiochemistry: part 1 – covalent labels ¹⁸F, ¹¹C, and ¹³N"** *J. Nuc. Med.*, **2018**, 59(9), 1350-1354.
- [14] Kranz G.S.; Hahn A.; Kraus C.; Spies M.; Pichler V.; Jungwirth J.; Mitterhauser M.; Wadsak W.; Windischberger C.; Kasper S.; Lanzenberger R. **"Probing the association between serotonin-1A autoreceptor binding and amygdala reactivity in healthy volunteers"** *NeuroImage*, **2018**, 171, 1-5.
- [13] Spies M.; James G.M.; Berroteran-Infante N.; Ibeschitz H.; Kranz G.S.; Unterholzner J.; Godbersen M.G.; Gryglewski G.; Hienert M.; Jungwirth J.; Pichler V.; Reiter B.; Silberbauer L.; Winkler D.; Mitterhauser M.; Stimpfl T.; Hacker M.; Kasper S.; Lanzenberger R. **"Assessment of Ketamine Binding of the Serotonin Transporter in Humans with Positron Emission Tomography"** *Int. J. Neuropsychopharmacology*, **2018**, 21(2), 145-153.
- [12] Göschl S.; Schreiber-Brynzak E.; Pichler V.; Cseh K.; Heffeter P.; Jungwirth U.; Jakupec M.; Berger W.; Keppler B. K. **"Comparative studies of oxaliplatin-based platinum(IV) complexes in different in vitro and in vivo tumor models"** *Metallomics*, **2017**, 9, 309-322.
- [11] Hackl C. M.; Novak M.; Pichler V.; Schmidlehner M.; Roller A.; Dömötör O.; Enyedy E. A.; Jakupec M. A.; Kandioller W.; Keppler B. K. **"Thiomaltol-based organometallic complexes with 1-methylimidazole as leaving group: synthesis, stability and biological behavior"** *Che. Eur. J.*; **2016**, 22(48), 17269-17281.
- [10] Schreiber-Brynzak E.; Pichler V.; Heffeter P.; Hanson B.; Theiner S.; Lichtscheidl-Schultz I.; Kornauth Ch.; Bamonti L.; Dhery V.; Groza D.; Berry D.; Berger W.; Galanski M.; Jakupec M.; Keppler B. K. **"Behavior of platinum(IV) complexes in models of tumor hypoxia: cytotoxicity, compound distribution and accumulation"** *Metallomics*, **2016**, 8(4), 422-433.
- [9] Pichler V.; Göschl S.; Schreiber-Brynzak E.; Jakupec M. A.; Galanski M.; Keppler B. K. **"Influence of reducing agents on the**

- cytotoxicity of platinum(IV) complexes: induction of G2/M arrest, apoptosis and oxidative stress in A2780 and cisplatin resistant A2780cis cell lines** *Metalomics*, 2015, 7(7), 1078-1090.
- [8] Kuhn P.-S.; Pichler V.; Roller A.; Hejl M.; Jakupec M. A.; Kandioller W.; Bernhard K. B. **“Improved reaction conditions for the synthesis of new NKP-1339 derivatives and preliminary investigations on their anticancer potential”** *Dalton Trans.* 2015, 44(2), 659-668.
- [7] Schmidlehner M.; Pichler V.; Roller A.; Jakupec M. A.; Kandioller W.; Keppler B. K. **“Organometallic complexes of (thio)allomaltol-based Mannich-products: synthesis, stability and preliminary biological investigations”** *J. Organomet. Chem.* 2015, 782, 69-76.
- [6] Karntaler-Benbakka C.; Groza D.; Kryeziu K.; Pichler V.; Roller A.; Berger W.; Heffeter P.; Kowol C. R. **„Tumor-Targeting of EGFR Inhibitors via Hypoxia-Mediated Activation”** *Angew. Chem. Int. Ed.* 2014, 53, 1-7.
- [5] Pichler V.; Göschl S.; Meier S. M.; Roller A.; Galanski M.; Keppler B. K. **„Bulky N,N-(di)alkylethane-1,2-diamine platinum(II) compounds as precursors for generating unsymmetrically substituted platinum(IV) complexes”** *Inorg. Chem.* 2013, 52 (14), 8151-8162.
- [4] Meier S. M.; Hanif M.; Adhireksan Z.; Pichler V.; Novak M. Jirkovsky E.; Jakupec M. A.; Arion V. B.; Dave C. A.; Keppler B. K.; Hartinger C. G. **“Novel Metal(II) Arene 2-Pyridinecarbothioamides: A Rational to Orally Active Organometallic Anticancer Agents”** *Chem. Science* 2013, 4 (4), 1837-1846.
- [3] Pichler V.; Mayr J.; Heffeter P.; Dömötör O.; Enyedy E. A.; Hermann G.; Groza D.; Köllensperger G.; Galanski M.; Berger W.; Keppler B. K.; Kowol C. R. **“Maleimide-functionalised platinum(IV) complexes as synthetic platform for targeted drug delivery”** *Chem. Commun.* 2013, 49 (22), 2249-2251.
- [2] Pichler V.; Heffeter P.; Valiahdi S. M.; Kowol C. R.; Egger A.; Berger W.; Jakupec M. A.; Galanski M.; Keppler B. K. **“Unsymmetric mono- and dinuclear platinum(IV) complexes featuring an ethylene glycol moiety: synthesis, characterization and biological activity”** *J. Med. Chem.* 2012, 55 (24) 11052-11061.
- [1] Pichler V.; Valiahdi S. M.; Jakupec M. A.; Arion, V. B.; Galanski M.; Keppler B. K. **“Mono-carboxylated diaminedichlorido platinum(IV) complexes - selective synthesis, characterization, and cytotoxicity”** *Dalton Trans.* 2011, 40 (32), 8187-8192.

* corresponding author

Patents

- [1] Kowol C.; Heffeter P.; Berger W.; Keppler B.K.; Mayr J.; Pichler V. **“Monomaleimide-functionalized platinum compounds for cancer therapy”** WO2017097986A1.
- [2] Pichler V. **“Device and method for micro-PET or micro-SPECT of a cell culture”** EP3546563 A1 20191002.

Non Peer-Reviewed Publications

- [3] Hahn A.; Reed B. M.; Pichler V.; Michenthaler P.; Rischka L.; Godbersen G. M.; Wadsak W.; Hakcer M.; Lanzenberger R. **“Sex differences in monetary reward and punishment processing are associated with fast dynamics of dopamine synthesis”** preprint, <https://doi.org/10.1101/2019.12.23.886812>
- [2] Bongarzone S., Pichler V. **“Do you care about molar activity?”** <https://doi.org/10.22541/au.15725511.10843905>
- [1] Leeb C.; Leitner R.; Pichler V.; Huber-Gries C.; Rünzler D.; Jesenberger V. **“Einführung und Optimierung eines praxisorientierten Problem-based-Learning-Moduls im Life-Science-Bereich”** ZFHE 2016, 3, 107-121.

Bookchapter

- [1] Pichler V.; Berroterán-Infante N.; Ozenil M.; Pfaff S.; Philippe C.; Wadsak W. **“Chapter 12. Carbon-11 chemistry 2: Tracers and Applications”** *Radiopharmaceutical Chemistry*.

Conferences

Chairs

- [1] **Rapid Fire Session**, ISRS, Beijing, China, 27.-31.05.2019
- [2] **Poster Session**, MIC Festival, Vienna, Austria, 06.06.2019

Oral Contributions

- [7] Pichler V.; Vranka C.; Traub-Weidinger T.; Rainer E.; Hacker M.; Mitterhauser M.; Wadsak W. **“Molare Aktivität - Ein Grundpfeiler der radiopharmazeutischen Produktion”** OGNMB Zell am See, Austria, 23.-25.01.2019.
- [6] Pichler V. **“Radiochemie - Ein Streifzug durch die Methoden”** OGNMB Vorkongress, Zell am See, Austria, 23.-25.01.2019.
- [5] Picher V.; Dumanic M.; Teuschl A.; Fetty L.; Hohensinner M.W.; Mitterhauser M.; Hacker M.; Wadsak W. **„Dynamische 3D Zellkultur für die PET-tracer Entwicklung”** AGRR Aachen, Germany, 20.-21.09.2018
- [4] Pichler V.; Jakupec M. A.; Galanski M.; Keppler B. K. **„Influence of reducing agents on the activity of Pt(IV) complexes”** Expert Meeting WG5 of the COST Action CM1105, Madrid, Spain, April 28.-29. 2014.

- [3] Pichler V.; Galanski M.; Keppler B. K. „**Differences and similarities between symmetrically and unsymmetrically substituted Pt^{IV} complexes with N,(N)-(di)alkylethane-1,2-diamine ligands**” 2nd Whole Action Meeting of the COST Action CM1105, Barcelona, Spain, September 8.-9. 2013.
- [2] Pichler V.; Galanski M.; Keppler B. K. “**Asymmetrically substituted platinum(IV) complexes**” *International conference “Metallo drugs I: Design and mechanism of action”*, Oloumoc, Czech republic, December 6.-9. 2012.
- [1] Pichler V.; Heffeter P.; Valiahdi S. M.; Jakupe, M. A.; Arion V. B.; Berger W.; Galanski M.; Keppler B. K. “**Synthesis, characterization and cytotoxicity of mono- and dinuclear platinum(IV) compounds containing an ethylene glycol moiety**” *7th Workshop of Inorganic Chemistry in Austria (WACÖ 2012)*, Innsbruck, Austria, April 2.-3. 2012.

Poster Contributions

- [15] Pfaff S., Schailer E., Pichler V., Hacker M., Mitterhauser M., Wadsak W. “**Microwave assisted 68Ga-labeling of PSMA-11, DOTA-NOC and DOAGA-RGDyK**” 2nd MIC Festival Vienna, 2019.
- [14] Klebermass E.M., Mahmudi M., Pichler V., Miller A., Vranka C., Balber T., Haschemi A., Wadsak W., Hacker M., Viernstein H., Mitterhauser M. “**The complexity of 2-[18F]FDG metabolism: more data, better insight?**” 2nd MIC Festival Vienna, 2019.
- [13] Ozenil M., Pacher K., Balber T., Vranka C., Roller A., Holzer W., Spreitzer H., Hacker M., Mitterhauser M., Wadsak W., Pichler V. “**Arecoline derivatives as potential PET tracers for muscarinic acetylcholine receptors: synthesis, characterization and in vitro studies**” 2nd MIC Festival Vienna, 2019.
- [12] Bamming K., Pichler V., Vranka C., Kenner L., Mitterhauser M., Hacker M., Wadsak W. “**Development of small-molecule PET-tracers targeting PD-1/PD-L1 immune checkpoint**” 2nd MIC Festival Vienna, 2019.
- [11] Pfaff S., Philippe C., Nics L., Berroterán-Infante B., Pallitsch K., Rami-Mark C., Weidenauer A., Sauerzopf U., Willeit M., Mitterhauser M., Hacker M., Wadsak W., Pichler V. “**Facilitated troubleshooting in (+)-[¹¹C]PHNO synthesis by investigation of reagents, byproducts and intermediates**” ISRS 2019, Beijing, China.
- [10] Vranka C., Pichler V., Berroterán-Infante N., Wollenweber T., Pillinger A., Fetty L., Hohensinner M., Beitzke D., Xiang L., Philippe C., Pallitsch K., Mitterhauser M., Hacker M., Wadsak W. “**Optimization of the automated synthesis of [¹¹C]mHED – Administered and apparent molar activities**” ISRS 2019, Beijing, China.
- [9] Ozenil M., Skos L., Roller A., Vranka C., Spreitzer H., Mitterhauser M., Hacker M., Wadsak W., Pichler V. “**Challenge of [¹¹C]pirenzepine radiosynthesis: structure analysis of a novel rearrangement product**” ISRS 2019, Beijing, China.
- [8] Pichler V., Litos L., Frey T., Klebermass E.-M., Balber T., Hacker M., Mitterhauser M., Wadsak W. “**Radiopharmakon, quo vadis? Transportsysteme in multizellulären Tumorspheroiden**”, DGN Bremen, 2018.
- [7] Gryglewski G.; Hahn A.; Berroterán-Infante N.; Klöbl M.; Klebermass E.M.; Hienert M.; Pichler V.; Vanicek T.; Nics L.; Rischka L.; Kautzky A.; James G.M.; Silberbauer L.; Hartenbach M.; Mitterhauser M.; Wadsak W.; Hacker M.; Kasper S.; Lanzenberger R. “**Dynamic connectivity analysis of selective serotonin reuptake inhibitor effects, a pharmacological PET/MR study**”, ECNP Congress, Paris 2017.
- [6] Spies M.; James G.; Berroterán-Infante N.; Ibeschitz H.; Unterholzner J.; Godbersen M.; Gryglewski G.; Hienert M.; Jungwirth J.; Pichler V.; Kranz G.; Reiter B.; Winkler D.; Mitterhauser M.; Stimpfl T.; Hacker M.; Kasper S.; Lanzenberger R. “**Investigating dose dependency of ketamine binding on the serotonin transporter with positron emission tomography**”, ECNP Congress, Paris 2017.
- [5] James G.M.; Seiger R.; Spies M.; Vranka C.; Philippe C.; Hienert M.; Gryglewski G.; Komorowski A.; Kautzky A.; Silberbauer L.; Pichler V.; Kranz G.; Nics L.; Balber T.; Baldinger-Melich P.; Vanicek T.; Pjrek-Winkler E.; Wadsak W.; Mitterhauser M.; Hacker M.; Kasper S.; Lanzenberger R.; Winkler D. “**Cortical monoamine oxidase – a distribution in seasonal affective disorder compared to healthy controls**” *European Neuropsychopharmacology*, 27(4), 2017, S801-S802.
- [4] Mandt D.; Pichler V.; Melchior S.; Rünzler D.; „**Establishment of 2D and 3D cell culture assays using RTgill-W1 cells**” *20th European Congress on Alternatives to Animal Testings (EUSAAT 2016)*, Linz, Austria, August 24-27, 2016.
- [3] Pichler V.; Göschl S.; Meier S.M.; Roller A.; Jakupec M. A.; Galanski M.; Keppler B. K. “**Asymmetric and symmetric Pt^{IV} complexes: new insights into the influence of the equatorial ligands sphere on reactivity and stability.**” *International Conference of Biological Inorganic Chemistry (ICBIC 16)*, Grenoble, France, July 22.-26. 2013.
- [2] Pichler V.; Heffeter P.; Valiahdi S. M.; Jakupec M. A.; Arion V. B.; Berger W.; Galanski M.; Keppler B. K. “**Mono- and dinuclear platinum(IV) compounds containing an ethylene glycol moiety: synthesis, characterization and cytotoxicity**” *International Symposium on Metal Complexes (ISMEC2012)*, Lisbon, Portugal, June 18-22, 2012.

- [1] Pichler V.; Valiahd S. M.; Jakupec M. A.; Arion V. B.; Galanski M.; Keppler B. K. **"Selective synthesis, characterization, and cytotoxicity of mono-carboxylated diaminedichloride**

platinum(IV) compounds" *15th International Conference of Biological Inorganic Chemistry (ICBIC 15)*, Vancouver, BC, Canada, August 7-12, **2011**