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Tamás Pivarcsik

Date of birth: 12/12/1995 | **Nationality:** Hungarian | **Gender:** Male | **Phone number:** (+36) 204911401 (Mobile) | **Email address:** pivarcsik.tamas@chem.u-szeged.hu | **Email address:** pivarcsik.tamas@gmail.com | **LinkedIn:** https://www.linkedin.com/in/tamás-pivarcsik-332b60149/ |

Address: Dóm Tér 7., 6720, Szeged, Hungary (Work)

WORK EXPERIENCE

01/2018 – 05/2019 Budapest, Hungary
QUALITY CONTROL DOCUMENTATOR EGIS PHARMACEUTICALS

1. Complete documentary and other GMP tasks inconnection with analytical quality assurance tests (stability tests)
2. Completion and register quality management documentations, SOPs
3. Preparation for audits/inspections

09/2019 – CURRENT Szeged, Hungary
RESEARCH FELLOW UNIVERSITY OF SZEGED

- Developing metal complexes with anticancer aspects
- Synthesis, characterization in solid and aqueous phase, investigating interactions with proteins, DNA

EDUCATION AND TRAINING

09/2014 – 07/2017 Szeged, Hungary
CHEMIST B.SC. University of Szeged

09/2017 – 07/2019 Budapest, Hungary
PHARMACEUTICAL ENGINEERING M.SC. Budapest University of Technology and Economics

09/2020 – CURRENT Szeged, Hungary
PH.D STUDIES IN CHEMISTRY University of Szeged

LANGUAGE SKILLS

Mother tongue(s): **HUNGARIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C2	B2	B2	C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

ADDITIONAL INFORMATION

PUBLICATIONS

Comparison of solution chemical properties and biological activity of ruthenium complexes of selected β-diketone, 8-hydroxyquinoline and pyrithione ligands

– 2021
Tamás Pivarcsik, Gábor Tóth, Nikoletta Szemerédi, Anita Bogdanov, Gabriella Spengler,* Jakob Kljun, Jerneja Kladnik, Iztok Turel,* Éva A. Enyedy*

Critical factors affecting the albumin binding of half-sandwich Ru(II) and Rh(III) complexes of 8-hydroxyquinolines and oligopyridines

– 2021
Orsolya Dömötör*, Tamás Pivarcsik, János P. Mészáros, István Szatmári, Ferenc Fülöp, Éva A. Enyedy*

8-Hydroxyquinoline-amino acid hybrids and their half-sandwich Rh and Ru complexes: synthesis, anticancer activities, solution chemistry and interaction with biomolecules

– 2021
Tamás Pivarcsik, Orsolya Dömötör, János P. Mészáros, Nóra V. May, Gabriella Spengler, Oszkár Csuvik, István Szatmári, Éva A. Enyedy*

Metal Complexes of a 5-Nitro-8-Hydroxyquinoline-Proline Hybrid with Enhanced Water Solubility Targeting Multidrug Resistant Cancer Cells

– 2023
Tamás Pivarcsik, Vivien Pósa, Hilda Kovács, Nóra V. May, Gabriella Spengler, Szonja P. Pósa, Szilárd Tóth, Zeinab Nezafat Yazdi, Csilla Özvegy-Laczka, Imre Ugrai, István Szatmári, Gergely Szakács, Éva A. Enyedy*

Isobaric Vapor–Liquid Equilibria for Binary Mixtures of Biomass-Derived Gamma-Valerolactone + 1,4-Pentanediol and 1,2-Ethanediol

– 2023
Munaf Adnan Idan, Tamás Pivarcsik, Dávid Havasi, László T. Mika*

NETWORKS AND MEMBERSHIPS

2020 – CURRENT Hungary
Hungarian Chemical Society

2020 – CURRENT Hungary
Coordination Chemistry Working Group of the Hungarian Academy of Sciences

CURRENT
Working group membership of NECTAR COST Action CA18202 WG2: NECTAR for strong and/or multifunctional ligands, macromolecules, polyelectrolytes
WG5: NECTAR for the future: new trends and exploitation of results

CONFERENCES AND SEMINARS

05/03/2020 – 06/03/2020 – Belgrade, Serbia
1st European NECTAR Conference (COST Meeting) Orsolya Dömötör, Tamás Pivarcsik, János P. Mészáros, Éva A. Enyedy
Human serum albumin binding of high stability Rh(III)(η^5-C_5Me_5) and Ru(II)(η^6-p-cymene) complexes (poster)

23/11/2020 – 24/11/2020 – Szeged, Hungary (online)
26th International Symposium on Analytical and Environmental Problems Tamás Pivarcsik, Orsolya Dömötör, János P. Mészáros, Nóra V. May, Oszkár Csuvik, Ferenc Fülöp, Gabriella Spengler, István Szatmári, Éva A. Enyedy
Anticancer 8-hydroxyquinoline-amino acid hybrids and their half-sandwich Ru and Rh complexes: Solution chemsitry and interaction with biomolecules (poster)

26/05/2021 – 27/05/2021 – Hungary (online)
54. Coordination chemistry conference (Hungary) Tamás Pivarcsik, Orsolya Dömötör, János P. Mészáros, Nóra V. May, Oszkár Csuvik, Ferenc Fülöp, István Szatmári, Gabriella Spengler, Éva A Enyedy
Synthesis and investigation of 8-hydroxyquinoline-amino acid hybrids and their half-sandwich Ru and Rh complexes (presentation)

16/06/2021 – 18/06/2021 – Białystok, Poland (online)
International Symposium Thermodynamics of Metal Complexes Tamás Pivarcsik, Orsolya Dömötör, János P. Mészáros, Nóra V. May, Oszkár Csuvik, Ferenc Fülöp, Gabriella Spengler, István Szatmári, Éva A. Enyedy
8-hydroxyquinoline-amino acid hybrids and their half-sandwich Ru and Rh complexes with anticancer aspects: solution chemistry and interaction with biomolecules (poster)

16/06/2021 – 18/06/2021 – Białystok, Poland (online)
International Symposium Thermodynamics of Metal Complexes Orsolya Dömtör, Tamás Pivarcsik, János P. Mészáros, Oszkár Csuvik, Ferenc Fülöp, István Szatmári, Éva A Enyedy
A comprehensive study on the human serum albumin binding of half-sandwich organoruthenium and organorhodium complexes (presentation)

06/09/2021 – 08/09/2021 – Prague, Czechia
4th Annual Conference, New diagnostic and therapeutic tools against multidrug resistant tumours Tamás Pivarcsik, Hilda Kovács, Gabriella Spengler, István Szatmári, Oszkár Csuvik, Éva A Enyedy
A water-soluble 8-hydroxyquinoline-amino acid hybrid and its half-sandwich rhodium and ruthenium complexes to target multidrug resistant cancer cells (poster)

26/10/2021 – 27/10/2021 – Szeged, Hungary (online)
XLIV. Chemistry Days Kovács Hilda, Pivarcsik Tamás, Spengler Gabriella, Szatmári István, Enyedy Éva A
A water-soluble 8-hydroxyquinoline-amino acid hybrid and its half-sandwich rhodium and ruthenium complexes with anticancer aspects (presentation)

05/06/2022 – 08/06/2022 – Valencia, Spain
ISMEC 2022 International Symposium on Metal Complexes T. Pivarcsik, F. Kovács, G. Spengler, É. Frank, É.A. Enyedy
Sterane-based bidentate ligands with (N,N) donor set: synthesis, biological activity, solution chemistry and interaction with half-sandwich Ru and Rh cations (poster)

08/07/2022 – 08/07/2022 – Paris, France
First International Symposium on Bioorganometallic chemistry 20 ans après / 20 years after T. Pivarcsik, G. Egri, S. Tóth, G.Szakács, G. Spengler, I. Ugrai, I. Szatmári, É.A. Enyedy
Half-sandwich rhodium and ruthenium complexes of 8-hydroxyquinoline derivatives targeting multidrug resistant cancer cells (poster)

17/07/2022 – 21/07/2022 – Grenoble, France
16th European Biological Inorganic Chemistry Conference (EuroBIC-16) O. Dömötör, T. Pivarcsik, J.P. Mészáros, O. Csuvik, I. Szatmári, É.A. Enyedy
Binding of half-sandwich organorhodium(III) and organoruthenium(II) complexes towards human serum albumin: kinetics, affinity, binding mode (poster)

17/07/2022 – 21/07/2022 – Grenoble, France
16th European Biological Inorganic Chemistry Conference (EuroBIC-16) É.A. Enyedy, V. Pósa, I. Safyanova, J.P. Mészáros, T. Pivarcsik, N.V. May, G. Spengler, S. Pósa, S. Tóth, G. Szakács, O. Csuvik, I. Szatmári
Water-soluble 8-hydroxyquinoline-amino acid hybrids and their interaction with various metal ions: relationship between solution chemistry and cytotoxicity (presentation)

24/08/2022 – 26/08/2022 – Ljubljana, Slovenia
3rd European NECTAR Conference T. Pivarcsik, M.A. Kiss, U. Rapus, H. Kovács, É. Frank, I. Turel, É.A. Enyedy
Complexes formed with $[Ru(\eta^6\text{-}p\text{-cymene})(Cl)_2]_2$, $[Rh(\eta^5\text{-}C_5Me_5)(Cl)_2]_2$ and $[Re(Cl)(CO)_5]$ organometallic cations of sterane-based ligands bearing (N,N) donor set (poster)

24/08/2022 – 26/08/2022 – Ljubljana, Slovenia
3rd European NECTAR Conference T. Pivarcsik, G. Tóth, N. Szemerési, A. Bogdanov, G. Spenlger, J. Kljun, J. Kladnik, I. Turel, É.A. Enyedy
Solution chemical properties and biological activity of organoruthenium(II) complexes with O,O-, N,O- and O,S-ligands (presentation)

30/05/2023 – 01/06/2023 – Szeged, Magyarország
56. Komplexkémiai Kollokvium és Koordinációs Kémiai Munkabizottsági ülés Pivarcsik Tamás, May Nóra V., Kováts Éva, Spengler Gabriella, Tóth Szilárd, Ugrai Imre, Feczkó Tivadar, Szatmári István, Szakács Gergely, Enyedy Éva A.
Két 8-hidroxi-kinolin és vízoldható fémorganikus komplexeik, mint multidrog rezisztencia ellen szelektíven ható vegyületek (presentation)

11/06/2023 – 14/06/2023 – Ioannina, Greece
16th ISABC Tamás Pivarcsik, Ferenc Kovács, Gabriella Spengler, Éva Frank, Bernhard K. Keppler, Wolfgang Kandioller, Éva A. Enyedy
Half-sandwich Ru(II) and Rh(III) organometallic complexes with sterane-based bidentate ligands bearing (N,N) donor set (poster)

1-MONTH SCIENTIFIC TRIPS

13/06/2022 – 08/07/2022
NECTAR COST 6th STSM

University of Ljubljana, Slovenia
Synthesis of biologically active half-sandwich ruthenium(II) and rhodium(III) complexes formed with sterane-based hybrids

01/09/2022 – 30/09/2022
OeAD-Scholarship of the Scholarship Foundation of the Republic of Austria

University of Vienna, Austria
Synthesis of biologically active half-sandwich ruthenium, osmium and rhodium complexes

NECTAR COST TRAINING SCHOOLS

26/07/2021 – 28/07/2021
1st ISMEC-NECTAR Training School

Online
Determination, Analysis and Use of Thermodynamic Data