

Application for promotion to the status of
FULL-TIME PROFESSOR

University of Pécs
Faculty of Pharmacy
Institut of Organic and Medicinal Chemistry

(Application identification number: PTE/000227)

Dr. Sándor KUNSÁGI-MÁTÉ

Pécs, 30. november 2022.

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CALL PUBLISHED

egyetemi tanár



A(z) **Gyógyszerésztudományi Kar (PTE GYTK) / Szerves és Gyógyszerkémiai Intézet** állás pályázatot hirdet **"egyetemi tanár"** munkakör betöltésére, az alábbi feltételekkel:

- ✓ Pályázati azonosító: PTE/000227
- ✓ Jogviszony típusa: Munkaviszony
- ✓ Munkaidő: Teljes munkaidő
- ✓ A jogviszony ideje: Határozatlan idő
- ✓ Jelentkezési határidő: 2022. november 30. 23:59
- ✓ Munkavégzés helye: 7624 Pécs, Rókus utca 2.

▶ **Részletek**

▶ **Jelentkezem az állásra**

A kiírás utolsó módosítása: 2022. október 26. 11:15



LETTER OF THE APPLICANT

To Whom it may concern,

Pécs, 30. November 2022.

I undersigned, Dr. Sandor Kunsagi-Mate (born: Nagykanizsa, Hungary, 28. June 1963) hereby apply for the position of a full professor (Application identification number: PTE/000227) at the University of Pécs, Faculty of Pharmacy, Institut of Organic and Medicinal Chemistry.

Sincerely Yours,


Sándor Kunsági-Máté

CURRICULUM VITAE

Dr. Sándor Kunsági-Máté PhD, DSc

[MTA ID: 15160](#), [MTMT ID: 10000668](#), [Researcher ID: A-1625-2012](#),
[ORCID ID: 0000-0002-1554-4225](#)

Working address:

University of Pécs
Faculty of Pharmacy
Organic and Medicinal Chemistry
H-7624 Pécs, Honvéd str. 1.
Tel.: +3672503600 (35449)
Mobil: +36205910585



Place and time of Born:

Nagykanizsa, 28.06.1963.

Marital status:

Married, two kids (Éva: 1990, Sándor 1994)

Citizenship:

Hungarian

Qualification:

1987 Physicist (**83/1987**, Attila József University, Szeged, Hungary)
Diploma: „Electronic structure of silicon clusters”

Academic degrees and titles:

1994 dr. univ (**23/"dr univ"/1994.R.sz.**, Attila József University, Szeged, Hungary)
Thesis: "Extensions to the polarization of fluorescence" (in Hungarian)

1998 PhD (**PhD-132-17/1998**, physics, University of Szeged, Szeged, Hungary)
Thesis: " Structure analysis of materials by quantum-chemical and spectroscopy methods with special emphasis on the relationship between the optical and structural properties of matters" (in Hungarian)

2008 Dr. habil (**DHB-122-17/2008**, chemistry, University of Pécs, Pécs, Hungary)
Thesis: "The role of the entropy in the weak interactions of molecules possessing aromatic moieties” (in Hungarian)

2022 DSc (**Register No.: 5828**, chemical sciences, Hungarian Academy of Sciences)
Thesis: "The effect of the molecular environment on the weak interactions of some molecules" (in Hungarian)

Workplaces:

1987-1993	Research assistant University of Pécs, Faculty of Sciences, Department of Chemistry
1994-1998	Lecturer University of Pécs, Faculty of Sciences, Department of Chemistry
1998-2018	Associate professor University of Pécs, Faculty of Sciences, Department of General and Physical Chemistry
2008-2018	Associate professor, Head of the Department University of Pécs, Faculty of Sciences, Department of General and Physical Chemistry
2018-2019	Associate professor University of Pécs, Faculty of Pharmacy, Institut of Pharmaceutical Chemistry
2019-2020	Associate professor University of Pécs, Medical School, Institut of Organic and Medicinal Chemistry
2021-	Associate professor University of Pécs, Faculty of Pharmacy, Institut of Organic and Medicinal Chemistry

Foreign experience and international cooperations:

Institut	<u>Year</u>
Friedrich-Alexander Universität Erlangen-Nürnberg, Germany Institut für Werkstoffwissenschaften, Lehrstuhl Mikrocharakterisierung	1993-2008 1-2 Months yearly
The University of Tokyo, Gakushuin University of Tokyo, Japan Institute of Chemistry	2008 Two Months 2012, 2015 two weeks/year
Beijing Normal University of China, Xiamen University of China Micro-characterization Labs.	2007-2016 2 weeks yearly
University of Bordeaux, France Chimie et Biologie des Membranes et Nanoobjects, CNRS-Université de Bordeaux	2007-2016 2 weeks yearly
State Research Inst. for Viticulture and Pomiculture, Traubenplatz 5, 74189 Weinsberg, Germany	2005-2018 2 weeks yearly
Karl Franzens University of Graz, Austria Institute of Chemistry	2007-2018 2 weeks yearly

Languages:

English (medium) (A) 001145678
Russian (basic) (C) 13/1985 (X23) MM

Teaching activities:

Total teaching time spent in Higher Education (University of Pécs): **35 years** (from 1987).

Teaching activities (in Hungarian, from 2011):

A) Summary of teaching activities in Hungarian language

Language	Lectures	Seminars	Practices
Hungarian	2162	56	292
Grand total of contact hours:			2510
Grand total of contact hours that were lectures:			2162

Detailed Tables enclosed in the Appendix.

B) Participation in Board of Examiners:

1.	2018-19/I.	General and inorganic chemistry I.	pharmacy	Hungarian and English
2.	2008-18/I.-II.	Theoretical chemistry	Chemistry BSc, chemistry teacher	Hungarian and English
3.	2008-18/I.-II.	Kémiai informatika	Chemistry BSc	Hungarian and English
4.	2008-18/I.-II.	Quantum chemistry in structure analysis	Chemistry BSc	Hungarian and English
5.	2008-18/I.-II.	Physical chemistry II.	chemistry teacher	magyar
6.	2008-18/I.-II.	Quantum chemistry and molecular dynamics	Chemistry MSc, synthetic chemist	Hungarian and English
7.	2008-18/I.-II.	Physical chemistry III.	Chemistry MSc	Hungarian and English
8.	2008-18/I.	Physical chemistry IV.	Chemistry MSc	Hungarian and English

Participation in Ph.D. degree and habilitation processes (member of examination body):

PhD processes:

Habilitation processes:

József Orbán (PTE)	2007		Dr. Gábor Pongor (habil., ELTE)	2006
Krisztina Pál (BME)	2008		Dr. László Pótó (habil., PTE)	2008
Gábor Papp (PTE)	2009		Dr. János Erostyák (habil., PTE)	2014
Ildikó Móczár (BME)	2010			
Olivia Varga (BME)	2011			
Anja Tóth (BME)	2013			
Márton Bojtár (BME)	2017			
Tamás Bozó (SOTE)	2018			
Ádám Golcs (BME)	2022			

Thesis, TDK students' research and PhD supervision:

Chemistry teacher, BSc or MSc level of education, I supervised **14** thesis and participated on the countrywide students' research conferences (OTDK) with **11** students, among them one honored by **Pro Scientia Gold Medal**, one **I. place**, one **II. place** and one **Honor Medal**, three of them honored by **Laudatory Diploma**. **First places** received at local conferences were mandatory requirement to get permission participating on the national conference.

As secretary of the Chemical and Chemistry Industrial section of the XXX. OTDK National Student Conference I was awarded by the **Jubilee Medal**.

Between 2011 and 2014 I was pleased to perform the **presidential** management (**chair**) of the Chemical and Chemical Industrial Committee of the National Committee of Scientific Students' Associations.

PhD courses:

No.	Year/ Semester	Course title	Place of the teaching	Language	Total teaching hours
1.	2011-12/II.	Weak interactions of aromatic molecules	Babes-Bolyai, Cluj-Napoca	English	28
2.	2021-22/ II. 2017-18/I.	Host-guest interactions by fluorescence studies	PTE-KDI	English	56
3.	2001-04/I.-II.	Quantum chemistry in structure determination of low-temperature-grown GaAs crystals	Friedrich-Alexander University, Erlangen	English	336
4.	2017-18/ I.	Host-guest interactions by fluorescence studies	Pécs, PTE-KDI	Hungarian	28
Total					448

Summary of teaching activities in English

Language	Lecture	Seminar	Practice
English	985	171	294
Grand total of contact hours:			1450
Grand total of contact hours taken as lectures:			985
Grand total of contact hours delivered as a guest teacher abroad:			364

Detailed tables with certifications are enclosed.

Science communicator activities

I have been subject director of **9 obligatory** and **7 facultative** subjects, except the General and Inorganic Chemistry subject, I have participated in the development of the subjects and also participated in the accreditation processes. Presently I am the subject director of **one obligatory** and **seven elective** courses. The detailed list is enclosed.

Teaching materials authored as *sole author*:

Supporting study materials:

Polarization properties of fluorescent materials, 2006 (153 pages, Hungarian)

Structure analysis by quantum-chemical methods, 2006 (105 pages, Hungarian)

Digital teaching materials:

Weak molecular interactions (300 slides, with voice descriptions, Hungarian)

Weak molecular interactions (300 slides, with voice descriptions, English)

Structure analysis by quantum-chemical methods (300 slides, with voice descriptions, Hungarian)

Modelling the structure and interactions of bioactive molecules (300 slides, with voice descriptions, English)

Weak molecular interactions in biotechnology (300 slides, with voice descriptions, English)

Teaching materials authored as *co-author*:

Marek N., Kunsági-Máté S.: Introduction to quantum chemistry practice, lecture notes, Janus Pannonius University, Pécs (1995) 220 pages, Hungarian.

Kovács B., Kunsági-Máté S.: Physical chemistry practice, lecture notes, Janus Pannonius University, Pécs (1997) 175 pages, Hungarian

Scientific activity:

Science metric parameters (based on the MTMT, 14 November, 2022):

Cumulative impact factor:

468.576

Independent citations:

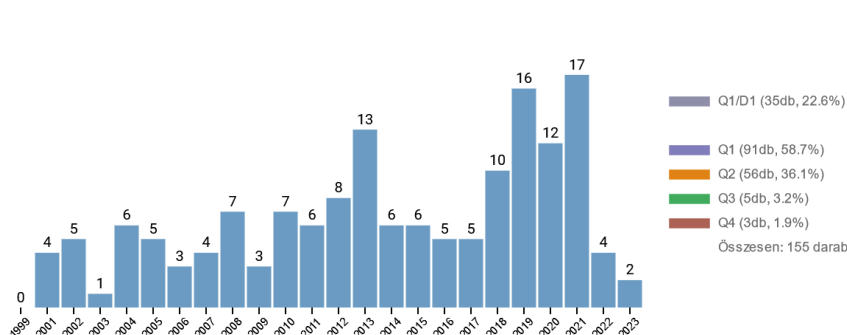
1350

Hirsch index:

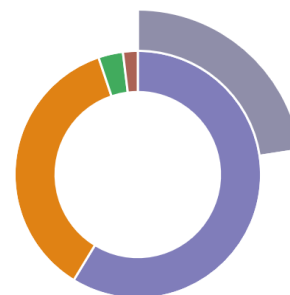
26

tudomanymetria.com ranking:

D2



Q1/D1 (35db, 22.6%)
 Q1 (91db, 58.7%)
 Q2 (56db, 36.1%)
 Q3 (5db, 3.2%)
 Q4 (3db, 1.9%)
 Összesen: 155 darab



Citation parameter: I have co-authored **10** publications received at least 20 independent citations where my role in the authorship was first, last or corresponding author. The list presented in the proposal and the publications enclosed electronically *in extenso*.

PhD students supervised:

Number of PhD students finished with PhD degree and **supervised solely** **4**

Number of PhD students finished with PhD degree and **co-supervised** **2**

PhD students supervised presently (one **supervised solely**, one **co-supervised**) **2**

Memberships and positions in scientific associations:

EPA (European Photochemistry Association) (1989-, member)

Electroanalytical Committee of the Hungarian Academy of Sciences (HAS) (2000-2008, member)

Hungarian Student Council, Chemistry and Chemical Industry division, Scientific Committee (1995-, member) (2011-2014, **chair**), OTDK (2011, **secretary**)

Chemistry Division of the Local Committee of the HAS (1999-2007, **secretary**)

Committee of Spectroscopy and Quantum Chemistry of the Local Committee of the HAS. (1990-1999, **secretary**)

Physical Chemistry Committee of the Local Committee of the HAS (2013- **chair**)

Weak Molecular Interactions biannual conference serie, **funding chair** (2013-)

Doctoral School of Chemistry, University of Pécs, **core member** (2008-)

Editorial Board positions:

Weak Molecular Interactions biannual issues (2013-)

International Journal of Chemical Modeling (2009-2013)

Awards:

Jubilee Medal (Hungarian Students' Council) OTDT) 2011.

Research Supports for Hungary 2001.

Young Scientist Award (Local Committee of the HAS) 2003.

St. Bernat Award (Cistercian Order) 2004.

Teacher of the Year' award, (Student Government) 2005, 2007.

János Bolyai Research Fellowship (Hungarian Academy of Sciences) 2007-2010.

Expert Author (Uni Pécs, Medical School) 2020, 2021

Sándor Kunsági-Máté

signature

I. EDUCATIONAL ACTIVITIES

1a.1. Teaching activity

Total teaching time I spent in Higher Education (University of Pécs and former Janus Pannonius University): **35** years (from 1987). I have been subject director of **9 obligatory** and **7 facultative subjects**. Except the General and Inorganic Chemistry subject, I have participated in the development of the subjects and also participated in the accreditation processes. Presently I am the subject director of **one obligatory** and **seven elective subjects**. The detailed list is enclosed. I have taught the following subjects within the last 10 academic years:

Mandatory courses:

2011-2017 Theoretica chemistry, Chemistry BSc and MSc, Hungarian and English
 Chemical informatics, Chemistry BSc, Hungarian
 Physical Chemistry I, II, Chemistry BSc, Hungarian and English
 Physical Chemistry III, IV, Chemistry MSc, Hungarian and English
 Structure analysis by quantum chemical methods, Chemistry MSc
 2018 General and inorganic chemistry, Pharmacy, Hungarian and English
 2022- Biotechnology on the border of physics and chemistry, Biotechnology BSc, angol

Elective and facultative courses from 2006:

Weak molecular interactions, Pharmacy, Hungarian and English
 Modelling the Structure and Interactions of Bioactive Molecules, Pharmacy, Hungarian and English
 Biological Applications of Fluorescence Polarization Methods, Pharmacy, Hungarian and English
 Molecular Modelling in Biotechnology, Biotechnology MSc, English
 Weak molecular interactions in Biotechnology, Biotechnology MSc, English
 Molecular Vibrations and Their Role in the Association of Molecules, Biotechnology BSc, English
 Host-guest interactions by fluorescence studies, PhD, Hungarian and English

Teaching activities (in Hungarian, from 2011):

C) Summary of teaching activities in Hungarian language

Language	Lectures	Seminars	Practices
Hungarian	2162	56	292
Grand total of contact hours:			2510
Grand total of contact hours that were lectures:			2162

Detailed Tables enclosed in the Appendix.

D) Participation in Board of Examiners:

1.	2018-19/I.	General and inorganic chemistry I.	pharmacy	Hungarian and English
2.	2008-18/I.-II.	Theoretical chemistry	Chemistry BSc, chemistry teacher	Hungarian and English
3.	2008-18/I.-II.	Chemical informatics	Chemistry BSc	Hungarian and English
4.	2008-18/I.-II.	Quantum chemistry in structure analysis	Chemistry BSc	Hungarian and English
5.	2008-18/I.-II.	Physical chemistry II.	chemistry teacher	magyar
6.	2008-18/I.-II.	Quantum chemistry and molecular dynamics	Chemistry MSc, synthetic chemist	Hungarian and English

7.	2008-18/I.-II.	Physical chemistry III.	Chemistry MSc	Hungarian and English
8.	2008-18/I.	Physical chemistry IV.	Chemistry MSc	Hungarian and English

Certification enclosed.

Participation in Ph.D. degree and habilitation processes (member of examination body):

PhD processes:

Habilitation processes:

József Orbán (PTE)	2007		Dr. Gábor Pongor (habil., ELTE)	2006
Krisztina Pál (BME)	2008		Dr. László Pótó (habil., PTE)	2008
Gábor Papp (PTE)	2009		Dr. János Erostyák (habil., PTE)	2014
Ildikó Móczár (BME)	2010			
Olívia Varga (BME)	2011			
Anja Tóth (BME)	2013			
Márton Bojtár (BME)	2017			
Tamás Bozó (SOTE)	2018			
Ádám Golcs (BME)	2022			

1a.2. Thesis and TDK students' research supervision

Chemistry teacher, BSc or MSc level of education, I supervised **14** thesis and participated on the countrywide students' research conferences (OTDK) with **11** students, among them one honored by **Pro Scientia Gold Medal**, one **I. place**, one **II. place** and one **Honor Medal**, three of them honored by **Laudatory Diploma**. **First places** received at local conferences were mandatory requirement to get permission participating on the national conference.

Theses:

No	Name	Discipline(s)	Title	Year completed
1	Gyula Fodor	chemistry - mathematics	About the possibility the construction of theoretical absorption spectra of materials	1990
2	Boglárka Rosinger	chemistry - mathematics	Structure analysis of materials by quantum-chemical methods with special emphasis on the effect of convergence criteria on the calculated molecular properties	1996
3	Hedvig Román	chemistry - mathematics	Examinations of the predominant vibronic transitions	1997
4	Orsolya Horváth	chemistry - mathematics	Nonbonding interactions of calixarenes and trifluoromethyl-benzenes	2000
5	Renáta Berta	chemistry - mathematics	Sample preparation methods for transmission electron microscopy. Preparation and characterization of low-temperature grown GaAs samples.	2000
6	Veronika Tőke	chemistry - mathematics	Determination of the time-dependence of fluorescence spectra by fluorescence polarization methods	2000
7	Péter Ács	chemistry - mathematics	Examination and modelling of the self-association of purin in aqueous solutions	2002
8	Orsolya Nagyné Horváth	chemistry	Solvent dynamics by phase fluorimetry in cases of formation complexes of calixarenes with neutral guest molecules	2006
9	Ferenc Kelemen	chemistry - biology	Effect of BeFx and falloidine on the dynamic properties of actin filaments	2006
10	Kornélia Szabó	chemistry - environment	Interactions of calix[4]arenes with para-substituted phenols in low-permittivity solvents	2007

11	Beáta Lemli	chemistry - mathematics	Kinetic and thermodynamic processes associated with the formation of calixarene – benzotrifluoride complexes using theoretical quantum chemical and scanning calorimetric methods	2007
12	Erzsébet Stampel	chemistry - mathematics	Examination of the chemical equilibria of anthocyanine – polyphenol complexes in red wines	2008
13	Ibolya Horváth	Chemistry BSc	Color stability in red wines	2012
14	Rozália Teréz Fábrián	Chemistry MSc	Synthesis of cavitands possessing hexil moieties and their selective interactions with ferric and ferrous ions	2013

Students Research (TDK, presented at the National Conference (OTDK)):

No	Name	Discipline	Title of the presentation	Year	Awards	
					TDK	OTDK
1.	Szilárd Bokros	chemistry - mathematics	Description of optical spectra of molecules by group theory.	1989	-	I. place
2.	László Rós	chemistry - mathematics	Mathematical description of kinetic box-model of chemical reactions. Distribution of drugs in living bodies	1989	-	Laudatory Diploma
3.	Boglárka Rosinger	chemistry - mathematics	Examination of fluorescent molecules by quantum-chemical methods	1995	-	Laudatory Diploma
4.	Nóra Hartvig	chemistry - biology	About the theoretical and experimental aspects of recording fluorescence spectra	1995	I.	-
5.	Boglárka Rosinger	chemistry - mathematics	Quantum-chemical investigations of the steric orientation of vibronic transitions	1997	I.	-
6.	Nóra Hartvig	chemistry - biology	Investigation of the energy transfer on the tripaflavin Rhodamine B model system	1997	I.	Laudatory Diploma
7.	Román Hedvig	chemistry - mathematics	Investigation of predominant vibronic transitions	1997	I.	-
8.	Eszter Végh	chemistry - mathematics	Investigation of the effect of molecular environment on the dissociation of viny-bromide molecules	2003	I.	
9.	Eszter Végh	medical sciences	Surface processes determine the growth of low-temperature grown GaAs crystals	2005	I.	Pro Scientia Gold Medal
10.	Beáta Lemli	chemistry - mathematics	Unexpected phase transitions of ionic liquids	2005	I.	II.place
11.	Kornélia Szabó	chemistry – environmental sciences	Molecular processes determine the stabilities of calixarene-phenol host-guest complexes	2007	I.	Honorary Medal

As secretary of the Chemical and Chemistry Industrial section of the XXX. OTDK National Student Conference I was awarded by the **Jubilee Medal**.

Between 2011 and 2014 I was pleased to perform the **presidential** management (**chair**) of the Chemical and Chemical Industrial Committee of the National Committee of Scientific Students' Associations.

PhD courses:

No.	Year/semester	Title	place	Language	Teaching hours
1.	2011-12/II.	Weak interactions of aromatic molecules	Babes-Bolyai, Cluj-Napoca	English	28
2.	2021-22/ II. 2017-18/I.	Host-guest interactions by fluorescence studies	PTE-KDI	English	56
3.	2001-04/I.-II.	Quantum chemistry in structure determination of low-temperature-grown GaAs crystals	Friedrich-Alexander University, Erlangen	English	336
4.	2017-18/ I.	Host-guest interactions by fluorescence studies	Pécs, PTE-KDI	Hungarian	28
Total					448

1a.3. Teaching activities in a foreign language**Summary of teaching activities in English**

Language	Lecture	Seminar	Practice
English	985	171	294
Grand total of contact hours:			1450
Grand total of contact hours taken as lectures:			985
Grand total of contact hours delivered as a guest teacher abroad:			364

Detailed tables with certifications are enclosed.

1b. Subject development activity**1b.1. Subject development activity**

I have been subject director of **9 obligatory** and **7 facultative** subjects, except the General and Inorganic Chemistry subject, I have participated in the development of the subjects and also participated in the accreditation processes. Presently I am the subject director of **one obligatory** and **seven elective** courses. Those courses are listed below:

No	Academic year/semester	Subject name	Type (A: obligatory, B: elective, C: facultative)	Course and level	Language
1.	2022-23/I.-	Biotechnology on the border of physics and chemistry	A	Biotechnology BSc	English
2.	2018-19/I.	General and inorganic chemistry I.	A	Pharmacy	Hungarian and English
3.	2008-18/I.-II.	Theoretical chemistry	A	Chemistry BSc, chemistry teacher	Hungarian and English
4.	2008-18/I.-II.	Chemical informatics	A	Chemistry BSc	Hungarian and English
5.	2008-18/I.-II.	Quantum chemistry in structure analysis	A	Chemistry BSc	Hungarian and English

6.	2008-18/I.-II.	Physical chemistry II. practice	A	chemistry teacher	Hungarian
7.	2008-18/I.-II.	Quantum chemistry and molecular dynamics	A	Chemistry MSc, synthetic chemist	Hungarian and English
8.	2008-18/I.-II.	Physical chemistry III. seminar	A	Chemistry MSc	Hungarian and English
9.	2008-18/I.	Physical chemistry IV.	A	Chemistry MSc	Hungarian and English
10.	2018-/I.-II.	Weak molecular interactions	B	Pharmacy	Hungarian and English
11.	2018-/I.-II.	Modelling the Structure and Interactions of Bioactive Molecules	B	Pharmacy	Hungarian and English
12.	2021-/I.-II.	Biological Applications of Fluorescence Polarization Methods	C	Pharmacy	Hungarian and English
13.	2020-/I.-II.	Molecular Modelling in Biotechnology	C	Biotechnology MSc	English
14.	2020-/I.-II.	Weak molecular interactions in Biotechnology	C	Biotechnology MSc	English
15.	2022-/I.-II.	Molecular Vibrations and Their Role in the Association of Molecules	C	Biotechnology BSc	English
16.	2012-	Host-guest interactions by fluorescence studies	B	PhD	Hungarian and English
<i>Certification is enclosed.</i>					

1b.2. Teaching materials authored

Teaching materials authored as *sole author*:

Supporting study materials:

Polarization properties of fluorescent materials, 2006 (153 pages, Hungarian)
 Structure analysis by quantum-chemical methods, 2006 (105 pages, Hungarian)

Digital teaching materials:

Weak molecular interactions (300 slides, with voice descriptions, Hungarian)
 Weak molecular interactions (300 slides, with voice descriptions, English)
 Structure analysis by quantum-chemical methods (300 slides, with voice descriptions, Hungarian)
 Modelling the structure and interactions of bioactive molecules (300 slides, with voice descriptions, English)
 Weak molecular interactions in biotechnology (300 slides, with voice descriptions, English)

Teaching materials authored as *co-author*:

Marek N., Kunsági-Máté S.: Introduction to quantum chemistry practice, lecture notes, Janus Pannonius University, Pécs (1995) 220 pages, Hungarian.
 Kovács B., Kunsági-Máté S.: Physical chemistry practice, lecture notes, Janus Pannonius University, Pécs (1997) 175 pages, Hungarian

No.	Lecture notes (pages)	Book (pages)	Supporting study materials (pages)	Digital teaching materials	Editor /sole author / first/ more authors/ % of the total/
1.			Polarization properties of fluorescent materials (153 pages)		sole author
2.	Introduction to quantum chemistry practice (220 pages, Hungarian)				co-author (50%)
3.	Physical Chemistry practice (175 pages, Hungarian)				co-author (50%)
4.			Structure analysis by quantum-chemical methods (105 pages)		sole author
5.				Electrochemical Sensors in Pharmaceutical and Biomedical Analysis (4,5 hours, video, English)	sole author
6.				Molecular modelling Part I. (170 slides)	co-author (50%)
7.				Weak molecular interactions (300 slides, with voice descriptions, English)	sole author
8.				Weak molecular interactions (300 slides, with voice descriptions, Hungarian)	sole author
9.				Modelling the structure and interactions of bioactive molecules (300 slides, with voice descriptions, Hungarian)	sole author
10.				Modelling the structure and interactions of bioactive molecules (300 slides, with voice descriptions, English)	sole author
11.				Weak molecular interactions in biotechnology (300 slides, with voice descriptions, English)	sole author

Certification is enclosed.

II. SCIENTIFIC ACTIVITY

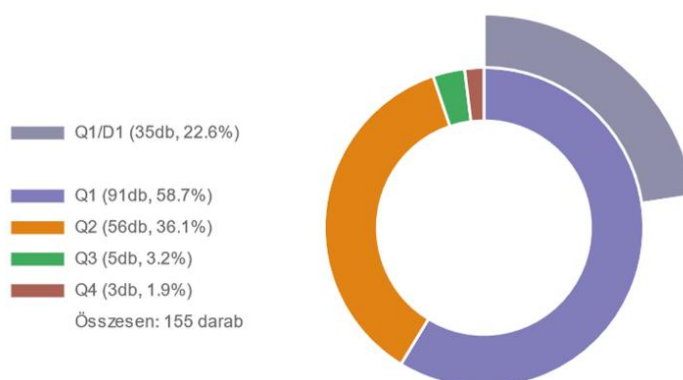
2a.1. Scientific activity

Metrics:

Science metric parameters (based on the [MTMT](#), 14 November, 2022):

Cummulative impact factor:	468.576
Independent citations:	1350
Hirsch index:	26
tudomanymetria.com ranking:	D2

Distribution of the publications by SCIMAGO ranking



Citation parameter: I have co-authored **10** publications received at least 20 independent citations where my role in the authorship was first, last or corresponding author. The list presented in the proposal and the publications enclosed electronically *in extenso*. D1 publications are listed, others are available at [MTMT](#).

Further Q1 publications are listed in the first pages of the electronic file enclosed.

MTMT ID	Title	authors	journal		independent citations
			name	ranking (e.g. Q1)	
33220105	Effect of Plasma Process on Hydrogen Evolution Reaction of Ternary MoS ₂ (1-x)Se _{2x} Alloys	Bai, Yanliu; Li, Zhuocheng; Yang, Huiqi; Li, Heng; <u>Kunsági-Máté, Sándor</u> ; Yan, Hui; Yin, Shougen	JOURNAL OF ALLOYS AND COMPOUNDS	Q1 (D1)	0
32522345	Temperature-Induced Change of Water Structure in Aqueous Solutions of Some Kosmotropic and Chaotropic Salts	Kovács, Ferenc; Yan, Hui; Li, Heng; <u>Kunsági-Máté, Sándor</u>	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	Q1 (D1)	0

32396707	Weak Interactions of the Isomers of Phototrexate and Two Cavitand Derivatives	Preis, Zsolt; Nagymihály, Zoltán; Kollár, László; Kálai, Tamás; <u>Kunsági-Máté, Sándor</u>	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	Q1 (D1)	0
32132777	Effects of Microenvironmental Changes on the Fluorescence Signal of Alternariol: Magnesium Induces Strong Enhancement in the Fluorescence of the Mycotoxin	Fliszár-Nyúl, Eszter; Lemli, Beáta; <u>Kunsági-Máté, Sándor</u> ; Poór, Miklós	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	Q1 (D1)	0
31890000	Degree of conversion and in vitro temperature rise of pulp chamber during polymerization of flowable and sculpable conventional, bulk-fill and short-fibre reinforced resin composites	Lempel, Edina; <u>Öri, Zsuzsanna</u> ; Kincses, Dóra; Lovász, Bálint Viktor; <u>Kunsági-Máté, Sándor</u> ; Szalma, József	DENTAL MATERIALS	Q1 (D1)	13
31359396	Weak Interaction of the Antimetabolite Drug Methotrexate with a Cavitand Derivative	Preis, Zsolt; Nagymihály, Zoltán; Lemli, Beáta; Kollár, László; <u>Kunsági-Máté, Sándor</u>	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	Q1 (D1)	1
30332292	Effect of exposure time and pre-heating on the conversion degree of conventional, bulk-fill, fiber reinforced and polyacid-modified resin composites	Lempel, Edina; <u>Öri, Zsuzsanna</u> ; Szalma, József; Lovász, Bálint Viktor; Kiss, Adél; Tóth, Ákos; <u>Kunsági-Máté, Sándor</u>	DENTAL MATERIALS	Q1 (D1)	30
30324895	Antioxidant and antimicrobial properties of randomly methylated β cyclodextrin – captured essential oils	Das, Sourav; Gazdag, Zoltán; Szente, Lajos; Meggyes, Mátyás; Horváth, Györgyi; Lemli, Beáta; <u>Kunsági-Máté, Sándor</u> ; Kuzma, Mónika; Kőszegi, Tamás	FOOD CHEMISTRY	Q1 (D1)	31
2902397	Reducing structural defects and improving homogeneity of nitric acid treated multi-walled carbon nanotubes	Yin, Li; Heng, Li; Andrea, Petz; <u>Kunsági-Máté, Sándor</u>	CARBON	Q1 (D1)	17
2833877	Structural properties of methanol - water binary mixtures within the quantum cluster equilibrium model	Gergely, Matisz; Anne-Marie, Kelterer; Walter, Fabian; <u>Kunsági-Máté, Sándor</u>	PHYSICAL CHEMISTRY CHEMICAL PHYSICS	Q1 (D1)	44
2728330	Interaction of ochratoxin A with quaternary ammonium beta-cyclodextrin	Poór, Miklós; <u>Kunsági-Máté, Sándor</u> ; Szente, Lajos; Matisz, Gergely; Secenji, Györgyi; Czibulya, Zsuzsanna; Kőszegi, Tamás	FOOD CHEMISTRY	Q1 (D1)	16
2438383	Some Unexpected Behavior of the Adsorption of Alkali Metal Ions onto the Graphene Surface under the Effect of External Electric Field	Beáta, Peles-Lemli; Dániel, Kánnár; Jia, Cai Nie; Heng, Li; <u>Kunsági-Máté, Sándor</u>	JOURNAL OF PHYSICAL CHEMISTRY	Q1 (D1)	37

2421726	Fluorescence quenching studies on the interaction of a novel deepened cavitand towards some transition metal ions	Yin, Li; Zsolt, Csók; Péter, Szuroczki; László, Kollár; László, Kiss; <u>Kunsági-Máté, Sándor</u>	ANALYTICA CHIMICA ACTA	Q1 (D1)	12
1781754	Unexpected effect of potassium ions on the copigmentation in red wines	Czibulya, Zsuzsanna; Horváth, Ibolya; Kollár, László; <u>Kunsági-Máté, Sándor</u>	FOOD RESEARCH INTERNATIONAL	Q1 (D1)	10
1730143	Application of the Quantum Cluster Equilibrium (QCE) Model for the Liquid Phase of Primary Alcohols Using B3LYP and B3LYP-D DFT Methods	Gergely, Matisz; Anne-Marie, Kelterer; Walter, Fabian; <u>Kunsági-Máté, Sándor</u>	JOURNAL OF PHYSICAL CHEMISTRY	Q1 (D1)	19
1730142	Coordination of Methanol Clusters to Benzene: A Computational Study	Gergely, Matisz; Anne-Marie, Kelterer; Walter, Fabian; <u>Kunsági-Máté, Sándor</u>	JOURNAL OF PHYSICAL CHEMISTRY	Q1 (D1)	22
1530402	Role of the Conformational Freedom of the Skeleton in the Complex Formation Ability of Resorcinarene Derivatives toward a Neutral Phenol Guest	<u>Kunsági-Máté, Sándor</u> ; Zsolt, Csók; Iwata, K; Szász, Erzsébet; Kollár, László	JOURNAL OF PHYSICAL CHEMISTRY	Q1 (D1)	2
1456545	Molecular-dynamics-based model for the formation of arsenic interstitials during low-temperature growth of GaAs	<u>Kunsági-Máté, Sándor</u> ; Schur, Carsten; Végh, Eszter; Marek, Tamás; Strunk, Horst P	PHYSICAL REVIEW	Q1 (D1)	2
1456529	Morphology Dependence of Raman Properties of Carbon Nanotube Layers Formed on Nanostructured CeO ₂ Films	Li, Heng; Petz, Andrea; Yan, Hui; Nie, Jia Cai; <u>Kunsági-Máté, Sándor</u>	JOURNAL OF PHYSICAL CHEMISTRY	Q1 (D1)	20
1409540	Transformation of stacked π - π -stabilized malvidin-3-O-glucoside — Catechin complexes towards polymeric structures followed by anisotropy decay study	<u>Kunsági-Máté, Sándor</u> ; May, Bianca; Tschiersch, Christopher; Fetzer, Dirk; Horváth, Ibolya; Kollár, László; Pour Nikfardjam, Martin	FOOD RESEARCH INTERNATIONAL	Q1 (D1)	5
1336216	Noncovalent Interaction between Aniline and Carbon Nanotubes: Effect of Nanotube Diameter and the Hydrogen-Bonded Solvent Methanol on the Adsorption Energy and the Photophysics	Beáta, Peles-Lemli; Gergely, Matisz; Anne-Marie, Kelterer; Walter, M F Fabian; <u>Kunsági-Máté, Sándor</u>	JOURNAL OF PHYSICAL CHEMISTRY	Q1 (D1)	10
1295084	Complex formation of Fe(II) and Fe(III) ions with octafunctionalized C-methyl-calix[4]resorcinarene possessing -OCH ₂ COOH (K) moieties	<u>Kunsági-Máté, Sándor</u> ; Nagy, L; Nagy, G; Bitter, I; Kollár, László	JOURNAL OF PHYSICAL CHEMISTRY	Q1 (D1)	11
1259263	Effect of Molecular Environment on the Formation Kinetics of Complexes of Malvidin-3-O-glucoside with Caffeic Acid and Catechin	<u>Kunsági-Máté, Sándor</u> ; Kumar, A; Sharma, P; Kollár, László; Pour Nikfardjam, Martin	JOURNAL OF PHYSICAL CHEMISTRY	Q1 (D1)	7

1259239	The effect of the oxidation state of iron ions on the competitive complexation of malvidin by caffeic or ellagic acid	<u>Kunsági-Máté, Sándor</u> ; Stampel, E; Kollár, László; Pour Nikfardjam, Martin	FOOD RESEARCH INTERNATIONAL	Q1 (D1)	15
1259238	Permittivity-dependent entropy driven complexation ability of cone and paco tetranitro-calix[4]arene toward para-substituted phenols	<u>Kunsági-Máté, Sándor</u> ; Csók, Zsolt; Tuzi, A; Kollár, László	JOURNAL OF PHYSICAL CHEMISTRY	Q1 (D1)	7
1259157	Effect of the solvation shell exchange on the formation of malvidin-3-O-glucoside-ellagic acid complexes	<u>Kunsági-Máté, Sándor</u> ; Ortmann, E; Kollár, László; Pour Nikfardjam, Martin	JOURNAL OF PHYSICAL CHEMISTRY	Q1 (D1)	8
1084659	Complexation of Phenols by Calix[4]arene Diethers in a Low-permittivity Solvent. Self-switched Complexation by 25,27-dibenzyloxy-calix[4]arene	<u>Kunsági-Máté, Sándor</u> ; Szabó, K; Desbat, B; Bruneel, JL; Bitter, I; Kollár, László	JOURNAL OF PHYSICAL CHEMISTRY	Q1 (D1)	3
1084647	Energetics of Growth on The C(4x4) Reconstructed Gaas(001) Surface And Antisite Formation: An ab Initio Approach	<u>Kunsági-Máté, Sándor</u> ; Schur, C; Marek, T; Strunk, HP	PHYSICAL REVIEW	Q1 (D1)	5
1084643	Theoretical And Experimental Energy Barriers Associated With The Incorporation of Excess As Into Gaas(001)	<u>Kunsági-Máté, Sándor</u> ; Marek, T; Schur, C; Strunk, HP	SURFACE SCIENCE	Q1 (D1)	0
1084638	Model For The Incorporation of Excess Arsenic Into Interstitial Positions During The Low-temperature Growth of Gaas(001) Layers	Marek, T; <u>Kunsági-Máté, Sándor</u> ; Strunk, HP	JOURNAL OF APPLIED PHYSICS	Q1 (D1)	0
1049534	Complex formation between 1-chloro-4-(trifluoromethyl)benzene (guest) and 4-tert-butylcalix[4]arenes (host) distally substituted with phosphonic acid or phosphonic ester groups at the lower rim	<u>Kunsági-Máté, Sándor</u> ; Nagy, G; Jurecka, P; Kollár, László	TETRAHEDRON	Q1 (D1)	8
1049518	Conformational change of the cation-anion pair of an ionic liquid related to its low-temperature solid-state phase transitions	<u>Kunsági-Máté, Sándor</u> ; Lemli, Beáta; Nagy, G; Kollár, László	JOURNAL OF PHYSICAL CHEMISTRY	Q1 (D1)	10
1049514	Increased complexation ability of water-soluble calix[4]resorcinarene octacarboxylate toward phenol by the assistance of Fe(II) ions	<u>Kunsági-Máté, Sándor</u> ; Szabó, K; Lemli, Beáta; Bitter, I; Nagy, G; Kollár, László	JOURNAL OF PHYSICAL CHEMISTRY	Q1 (D1)	6
1049506	Unexpected effect of charge density of the aromatic guests on the stability of calix[6]arene phenol host guest complexes	<u>Kunsági-Máté, Sándor</u> ; Szabó, K; Bitter, I; Nagy, G; Kollár, László	JOURNAL OF PHYSICAL CHEMISTRY	Q1 (D1)	13
153462	The influence of the molecular environment on the three-center versus four-center elimination of HBr from vinyl bromide: a theoretical approach	<u>Kunsági-Máté, Sándor</u> ; Végh, Eszter; Nagy, G; Kollár, László	JOURNAL OF PHYSICAL CHEMISTRY	Q1 (D1)	10

Publications matched the Citation parameter (defined in the call): I have co-authored the following **10** publications, which have received at least 20 independent citations where my role in the authorship was *first*, *last* and/or *corresponding* author:

No	Title	Authors	Role of the applicant (sole/first/ last/corresponding)	Journal		n (citation parameter)	Independent citations (Cit.)
				name	ranking (e.g. Q1)		
1.	Complex formation between water-soluble sulfonated calixarenes and C-60 fullerene	Kunsagi, Mate S; Szabo, K ; Bitter, I ; Nagy, G ; Kollar, L	first and corresponding	TETRAHEDRON LETTERS 45 (2004) 1387	Q1	10	43
2.	Structural properties of methanol - water binary mixtures within the quantum cluster equilibrium model	Gergely, Matisz ; Anne-Marie, Kelterer; Walter, Fabian ; Sándor, Kunsági-Máté	last	PHYSICAL CHEMISTRY CHEMICAL PHYSICS 17 (2015) 8467	Q1(D1)	10	44
3.	Host-guest interaction between water-soluble calix[6]arene hexasulfonate and p-nitrophenol	Kunsagi, Mate S; Szabo, K ; Lemli, B ; Bitter, I ; Nagy, G ; Kollar, L	first and corresponding	THERMOCHIMICA ACTA 425 (2005) 121	Q1	10	29
4.	Interaction of citrinin with human serum albumin	Poór, Miklós ; Lemli, Beáta ; Bálint, Mónika ; Hetényi, Csaba ; Sali, Nikolett ; Kőszegi, Tamás; Kunsági-Máté, Sándor	last	TOXINS 7 (2015) 5155	Q1	10	24
5.	Some Unexpected Behavior of the Adsorption of Alkali Metal Ions onto the Graphene Surface under the Effect of External Electric Field	Beáta, Peles-Lemli ; Dániel, Kánnár ; Jia, Cai Nie ; Heng, Li ; Sándor, Kunsági-Máté	last and corresponding	JOURNAL OF PHYSICAL CHEMISTRY C 117 (2013) 21509	Q1(D1)	10	37
6.	Determination of the thermodynamic parameters of the complex formation between malvidin-3-O-glucoside and polyphenols.	Kunsagi, Mate S; Szabó, K ; Nikfardjam, MP ; Kollár, L	first and corresponding	JOURNAL OF BIOCHEMICAL AND BIOPHYSICAL METHODS 69 (2006) 113	Q2	10	27

	Copigmentation effect in red wines						
7.	Host-guest interaction of calixarene molecules with neutral benzotrifluorides : Comparison of luminescence spectral data with results of model calculations relating to complex formation	Kunsagi, Mate S ; Nagy, G; Kollar, L	first	ANALYTICA CHIMICA ACTA 428 (2001) 301	Q1	10	21
8.	Effect of exposure time and pre-heating on the conversion degree of conventional, bulk-fill, fiber reinforced and polyacid-modified resin composites	Lempel, Edina ; Óri, Zsuzsanna ; Szalma, József ; Lovász, Bálint Viktor ; Kiss, Adél ; Tóth, Ákos ; Kunsági-Máté, Sándor	last	DENTAL MATERIALS 35 (2019) 217	Q1(D1)	10	30
9.	Weinhold's QCE model – A modified parameter fit. Model study of liquid methanol based on MP2 cluster geometries	Gergely, Matisz ; Walter, M F Fabian ; Anne-Marie, Kelterer ; Sándor, Kunsági-Máté	last and corresponding	JOURNAL OF MOLECULAR STRUCTURE: THEOCHEM 956 (2010) 103	Q2	10	21
10	Coordination of Methanol Clusters to Benzene: A Computational Study	Matisz, G ; Kelterer, AM ; Fabian, WMF ; Kunsagi-Mate, S	last and corresponding	JOURNAL OF PHYSICAL CHEMISTRY A 115 (2011) 10556	Q1(D1)	10	22

Articles match the criteria of Citation Parameter (10 articles) are enclosed *in extenso*.

Metrics of scientific records summarized in tables by General and Specific aspects of the research field and approved by the library representatives are enclosed.

Five publications selected from the overall and five from the last five years of the career of the applicant are listed below:

No	Title	Authors	Role of the applicant (sole/first/last/corresponding)	Journal	
				Name	ranking (e.g. Q1)
1.	Anodic Polymerization of Phenylphenols in Methyl Isobutyl Ketone and Mesityl Oxide: Incorporation of a Cavitand into the Layers Formed for Sensing Phenols in Organic Media	Kiss, László ; Nagymihály, Zoltán ; Szabó, Péter ; Kollár, László ; Kunsági-Máté, Sándor	last and corresponding	MOLECULES 27 (2022) 5366	Q1 (2021)
2.	Weak Interactions of the Isomers of Phototrexate and Two Cavitand Derivatives	Preis, Zsolt ; Nagymihály, Zoltán ; Kollár, László ; Kálai, Tamás ; Kunsági-Máté, Sándor	last and corresponding	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES 22:19 (2021) 10764	Q1(D1)
3.	Comparative EPR Study on the Scavenging Effect of Methotrexate with the Isomers of Its Photoswitchable Derivative	Preis, Zsolt ; Hartvig, Nóra ; Bognár, Balázs ; Kálai, Tamás ; Kunsági-Máté, Sándor	last and corresponding	PHARMACEUTICALS 14:7 (2021) 665	Q1(D1)
4.	Weak Interaction of the Antimetabolite Drug Methotrexate with a Cavitand Derivative	Preis, Zsolt ; Nagymihály, Zoltán ; Lemli, Beáta ; Kollár, László ; Kunsági-Máté, Sándor	last and corresponding	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES 21:12 (2020) 4345	Q1(D1)
5.	Effect of exposure time and pre-heating on the conversion degree of conventional, bulk-fill, fiber reinforced and polyacid-modified resin composites	Lempel, Edina ; Őri, Zsuzsanna ; Szalma, József ; Lovász, Bálint Viktor ; Kiss, Adél ; Tóth, Ákos ; Kunsági-Máté, Sándor	last	DENTAL MATERIALS 35 (2019) 217	Q1(D1)
6.	Structural properties of methanol - water binary mixtures within the quantum cluster equilibrium model	Gergely, Matisz ; Anne-Marie, Kelterer ; Walter, Fabian ; Sándor, Kunsági-Máté	last	PHYSICAL CHEMISTRY CHEMICAL PHYSICS 17 (2015) 8467	Q1(D1)
7.	Some Unexpected Behavior of the Adsorption of Alkali Metal Ions onto the Graphene Surface under the Effect of External Electric Field	Beáta, Peles-Lemli ; Dániel, Kánnár ; Jia, Cai Nie ; Heng, Li ; Sándor, Kunsági-Máté	last and corresponding	JOURNAL OF PHYSICAL CHEMISTRY C 117 (2013) 21509	Q1(D1)
8.	Host-guest interaction between water-soluble calix[6]arene hexasulfonate and p-nitrophenol	Kunsagi, Mate S ; Szabo, K ; Lemli, B ; Bitter, I ; Nagy, G ; Kollar, L	first and corresponding	THERMOCHIMICA ACTA 425 (2005) 121	Q1
9.	Host-guest interaction of calixarene molecules with neutral benzotrifluorides: Comparison of	Kunsagi, Mate S ; Nagy, G ; Kollar, L	first	ANALYTICA CHIMICA ACTA 428 (2001) 301	Q1

	luminescence spectral data with results of model calculations relating to complex formation				
10	Coordination of Methanol Clusters to Benzene: A Computational Study	Matisz, G ; Kelterer, AM ; Fabian, WMF ; Kunsagi-Mate, S	last and corresponding	JOURNAL OF PHYSICAL CHEMISTRY A 115 (2011) 10556	Q1(D1)

Publications listed above are enclosed *in extenso*.

2a.2. Support of young scientists

Completed PhD thesis supervised:

No.	Name	Title of the thesis	Completed in	Name of the Doctoral School	Role of the applicant (%)
1.	Beáta Lemli	Interaction between aniline derivatives and single-walled carbon nanotubes investigated by fluorescence and quantum-chemical methods	2010	Doctoral School of Chemistry, Uni Pécs	100 %
2.	Gergely Matisz	Structure and stability of clusters of primary alcohols in the liquid phase – their interaction with aromatic molecules	2012	Doctoral School of Chemistry, Uni Pécs	100 %
3.	Yin Li	Thermodynamic studies on a few factors influencing the formations of some representative host–guest complexes	2014	Doctoral School of Chemistry, Uni Pécs	100 %
4.	Zsolt Preisz	Secondary interactions and antioxidant properties of methotrexate and some of its analogues	2022	Doctoral School of Pharmacological and Pharmaceutical Sciences, Uni. Pécs	100 %
5.	Heng Li	Fabrication and physical properties of new composites of CNT/Graphene integrated with nanostructured CeO ₂	2011	Physical Doctoral School of Beijing Normal University	50%

6.	Carsten Schür	Non-stoichiometric Epitaxial GaAs on Vicinal Surfaces – The characteristics of Excess Arsenide	2006	Friedrich-Alexander Universität Erlangen-Nürnberg	50%
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Present PhD students::

No.	Name	Title of the thesis	Estimated Completion	Name of the Doctoral School	Role of the applicant (%)
1.	Ferenc Kovács	Examination of the structures of water clusters	2023	Doctoral School of Physics, Uni Pécs	100 %
2.	Flórián Bencze	Nitroxid-based sensor materials. Synthesis and applications.	2026	Doctoral School of Chemistry, Uni Pécs	50 %

Detailed information available at the doktori.hu database.

2b.1. Research projects

Participation in scientific research projects:

No	Project					Role of the applicant
	ID	Title	Year		budget (eFt/EUR)	
			Start	End		
1.	TKP2021-EGA-17 (Institutional Excellence Program)	Institutional Excellence Program	2022	2026	41.500.000,-HUF	SUBPROJECT LEADER
2.	2020-4.1.1-TKP2020 (Institutional Excellence Program)	Institutional Excellence Program	2019	2021	31.500.000,-HUF	SUBPROJECT LEADER
3.	2019-2.1.11-TÉT-2019-00042, Austria TÉT	Study on the pharmacological effectiveness of chiral methotrexate molecules surrounded by the chiral water clusters	2020	2021	1.809.520,- HUF	PRINCIPAL INVESTIGATOR
4.	OTKA 137793	Synthesis of small molecules for studying macromolecules and supramolecular systems	2021	2025	40.530.000,- HUF	INVESTIGATOR
5.	OTKA 138184	Investigation of pharmacokinetic/toxicokinetic interactions of mycotoxins and polyphenols	2021	2025	39.250.000,- HUF	INVESTIGATOR
6.	OTKA 125166	Investigation of the interactions of mycotoxins with albumin and cyclodextrins	2017	2021	18.492.000, HUF	INVESTIGATOR
7.	GINOP-2.3.2-15-2016-00049	Új, szintetikus kismolekulák tervezése szöveti preprogramozásra	2017	2021	210.000.000 ,- HUF	SUBPROJECT LEADER
7.	SROP-4.2.2.A-11/1/KONV-2012-0065 Phase 2.	Synthesis of supramolecular systems, examination of their physicochemical properties and their utilization for separation and sensor chemistry	2013	2014	350.000.000 ,- HUF	RÉSZPROJEKT VEZETŐ
9.	SROP-4.2.2.A-11/1/KONV-2012-0065 Phase 1.	Developing Competitiveness of Universities in the South Transdanubian Region Program: Nanostructures	2011	2012	250.000.000 ,- HUF	RÉSZPROJEKT VEZETŐ
10.	TIOP-1.3.1-10/1-2010-0008	Scanning RAMAN spectrometer with AFM	2013	2013	100.000.000 ,- HUF	RÉSZPROJEKT VEZETŐ
11.	MAG_Zrt_TÉT_12_CN-1-2012-0040	Modifying Lateral Strain in III-nitride-Based Epitaxial Layers by Selectively	2013	2015	9.600.000,- HUF	PRINCIPAL INVESTIGATOR

		Patterning Sapphire Substrates with CNT Bundles and Graphene Fractions				
12.	MAG_Zrt_ (FRANCE): TÉT_09-1-2010-0055	The role of weak molecular interaction in the self-organization of peptides	2009	2013	1.600.000,- HUF	PRINCIPAL INVESTIGATOR
13.	MAG_Zrt_ (Austria): TÉT_10-1-2011-0691	Carbon nanotubes in ionic environment	2009	2010	1.500.000,- HUF	PRINCIPAL INVESTIGATOR
14.	MAG_Zrt_ (Japan): TÉT_10-1-2011-0043	Weak molecular interactions in binary solvents	2011	2013	3.500.000,- HUF	PRINCIPAL INVESTIGATOR
15.	MAG_Zrt_ (China): TÉT_10-1-2011-0126	Fabrication and characterization of the new combinatorial material prepared by integrating of carbon nanotubes with the nanostructured CeO ₂	2009	2010	6.100.000,- HUF	PRINCIPAL INVESTIGATOR
16.	DD-KKV-06-311	Copigmentation in red wines	2007	2009	8.000.000,- HUF	PRINCIPAL INVESTIGATOR
17.	Japan Society for Promotion of Science/JSPS S-08721	Effect of solvation dynamics on the interactions of pharmaceutically important aromatic molecules	2008	2008	1.100.000,- JPY	PRINCIPAL INVESTIGATOR
18.	HEF-06_1_INTERFPB_01 486/2006	Investigation of energy transfers between semiconductors and organic layers	2006	2007	1.800.000,- HUF	PRINCIPAL INVESTIGATOR
19.	Deutscher Akademischer Austausch Dienst, DAAD	Investigation of the copigmentation responsible the colour of red wines	2007	2008	18.000 EUR	PRINCIPAL INVESTIGATOR
20.	Deutscher Akademischer Austausch Dienst, DAAD	Investigation of energy transfers between semiconductors and organic layers	2006	2007	18.000 EUR	PRINCIPAL INVESTIGATOR
21.	OTKA-National Science Fund of USA	Transport processes through membranes with special emphasis on the evaluation of answers of transport-controlled ionic sensors and improving their lower detection limit	2003	2006	6.000.000,- HUF	PRINCIPAL INVESTIGATOR
22.	GVOP – 3.2.1 – 2004 – 04 – 0200 /3.0	Jobin Yvon Fluorolog $\tau 3$ spectrofluorimeter	2005	2005	54.000.000,- HUF	PRINCIPAL INVESTIGATOR
23.	OTKA-TS044800	Catalytic and electrochemical applications of ionic liquids	2004	2006	69.000.000,- HUF	INVESTIGATOR

24.	Deutscher Akademischer Austausch Dienst, DAAD	Investigation of the structure and surface reactions of GaAs layers grown at low temperature	2000	2005	42.000 EUR	PRINCIPAL INVESTIGATOR
25.	Deutscher Akademischer Austausch Dienst, DAAD	LT-GaAs, surface and bulk properties	2002	2003	600.000 Ft +19.000 DM	PRINCIPAL INVESTIGATOR
26.	Deutscher Akademischer Austausch Dienst, DAAD	LT-GaAs, theoretical and optical aspects	2000	2001	500.000 Ft +16.000 DM	PRINCIPAL INVESTIGATOR
27.	PTE 56-10-8/2001R	Investigation of supramolecular interactions	2002	2002	200.000,- HUF	PRINCIPAL INVESTIGATOR

Organizing Scientific Conferences :

Weak Molecular Interactions biannual conference serie, **funding chair** (2013-)
(www.weakmolinter.hu)

1st Symposium on Weak Molecular Interactions, Pécs, Hungary, 5-6 March, 2013

2nd Symposium on Weak Molecular Interactions, Tokyo, Japan, 5-6 March, 2015

3rd Symposium on Weak Molecular Interactions, Opole-Groszovice, Poland, 27-29 March, 2017

4th Symposium on Weak Molecular Interactions, Matsue, Japan, 17-19 May, 2019

Hungarian Student Council, Chemistry and Chemical Industry division, Scientific Committee (1995-, **member**) (2011-2014, **chair**), XXX. OTDK Conference (2011, **secretary**)

2b.2. Memberships and positions in scientific associations

Memberships and positions in scientific associations:

EPA (European Photochemistry Association) (1989-, member)
 Electroanalytical Committee of the Hungarian Academy of Sciences (HAS) (2000-2008, member)
 Hungarian Student Council, Chemistry and Chemical Industry division, Scientific Committee (1995-, member) (2011-2014, **chair**), XXX. OTDK (2011, **secretary**)
 Chemistry Division of the Local Committee of the HAS (1999-2007, **secretary**)
 Committee of Spectroscopy and Quantum Chemistry of the Local Committee of the HAS. (1990-1999, **secretary**)
 Physical Chemistry Committee of the Local Committee of the HAS (2013- **chair**)
 Weak Molecular Interactions biannual conference serie, **funding chair** (2013-)
 Doctoral School of Chemistry, University of Pécs, **core member** (2008-)

Editorial Board positions:

Weak Molecular Interactions biannual issues (2013-)
 International Journal of Chemical Modeling (2009-2013)

Awards:

Jubilee Medal (Hungarian Students' Council) OTDT)	2011.
Research Supports for Hungary	2001.
Young Scientist Award (Local Committee of the HAS)	2003.
St. Bernat Award (Cistercian Order)	2004.
Teacher of the Year' award, (Student Government)	2005, 2007.
János Bolyai Research Fellowship (Hungarian Academy of Sciences)	2007-2010.
Expert Author (Uni Pécs, Medical School)	2020, 2021

III. FUTURE PLANS IN REFERENCE TO FULL-TIME PROFESSOR TITLE

Education:

I have started my carrier in the University of Pécs in 1987. I wish to apply my experience related to the accreditation processes, student research, talent care, youth education in the long-term education plans of the Faculty of Pharmacy. To do that continuous development of my supervised elective and facultative subjects, wideness of the knowledge of the students, supporting the student research works and PhD courses are planned to be performed. The topics of the elective subjects were selected and developed according to the support of the understanding the topics of basic mandatory courses. On this way it can consent to the main goal to reduce the dropout of our students. Subjects taught in the frame of EDUC (European Digital UniverCity) project will support the international wideness of our education. Mixed-group setup is planned to apply in this field.

Research:

In the last 25 years I have examined the weak interactions of molecules possessing aromatic moieties. The aim of this research is to design sensor molecules applicable in selective and sensitive recognition of the analytes and also applicable in the packing of bioactive molecules at molecular level. The related experience planned to be applied to describe the interactions of some drugs, within that topic the improvement and control of solubilities of bioactive molecules by formation of inclusion complexes is aimed to be performed. This knowledge will be extended by description of the structural properties of water clusters. The living cooperations with French, German, Austrian, Japan, Chinese, Argentine and Indian institutes together joint projects with industrial and academic partners (Foss-SoftFlow, EGIS, CycloLab, Institutes of Uni Pécs) will support these purposes.

IV. ATTACHMENTS

1. Attachments

**Certificate of teaching activities
for the university professor application submitted by
Dr. Sándor Kunsági-Máté
Direct supervisors summaries of student feedback results**

Certificate of teaching activities
for the university professor application submitted by
Dr. Sándor Kunsági-Máté

Name of higher education institution, faculty, organisational unit: University of Pécs, Faculty of Sciences, Institute of Chemistry							
Address of higher education institution: H7624 Pécs, Vasvári Pál 4.							
Teaching activities							
Period (10 academic years/semesters preceding the application)	Programme name(s) / level(s) /Subject name(s) (academic year / semester)	Number of contact hours*					Student feedback result (for subjects taught during the 5 years preceding the application)
		Lecture	Seminar	Practice session	Consultation	Total (semester)	
2012-2013	1st semester	1.Chemist/MSc/Physical Chemistry III	28			168	
		2. Chemist/MSc/Physical Chemistry IV	28				
		3. Chemistry/BSc/Theoretical Chemistry	28				
		4. Chemistry/BSc/Quantum theory in the chemical structure determination methods	28				
		5. Chemistry/BSc/Polarization properties of the photoemission of fluorescent materials	28				
		6. Chemistry/BSc/Host-guest interactions	28				
	2nd semester	1. Chemist/MSc/Physical Chemistry IV	28			168	
		2. Chemist/MSc(levelező)/Physical Chemistry IV	14				

		3. Chemist/MSc(levelező)/Physical Chemistry IV		14				
		4. Chemistry/BSc/Polarization properties of the photoemission of fluorescent materials	28					
		5. Chemistry/BSc/Host-guest interactions	28					
		6. Pharmacy/Molekulák gyenge kölcsönhatásainak vizsgálata	28					
		7. Pharmacy/Theoretical Chemistry szerkezetvizsgálatok	17		11			
2013-2014	1st semester	1. Chemistry/BSc/Physical Chemistry II	28					
		2. Chemist/MSc/Physical Chemistry III	28					
		3. Chemist/MSc (levelező)/Physical Chemistry III	14					
		4. Chemistry/BSc/Theoretical Chemistry	28					
		5. Chemistry/BSc/Quantum theory in the chemical structure determination methods	28					
		6. Chemist/MSc/Elméleti kémiai szerkezetvizsgálatok	28					
		7. Chemistry/BSc/Polarization properties of the photoemission of fluorescent materials	28					
		8. Chemistry/BSc/Host-guest interactions	28					
		9. Pharmacy/Elméleti kémiai szerkezetvizsgálatok	28					
		10. Pedagógia (BTK)/BSc/Kémiai informatika	28					
	2nd semester	1. Chemist/MSc/Physical Chemistry IV	28				182	

		2. Chemist/MSc(levelező)/Physical Chemistry IV	14					
		3. Chemistry Teacher (osztatlan)/Theoretical Chemistry	28					
		4. Chemistry/BSc/Polarization properties of the photoemission of fluorescent molecules	28					
		5. Chemistry/BSc/Host-guest interactions	28					
		6. Pharmacy/Molekulák gyenge kölcsönhatásainak vizsgálata	28					
		7. Pharmacy/Elméleti kémiai szerkezetvizsgálatok	17		11			
2014-2015	1st semester	1.Chemistry/BSc/Physical Chemistry II	28				168	
		2.Chemist/MSc/Physical Chemistry III	28					
		3. Chemistry/BSc/Theoretical Chemistry	28					
		4. Chemistry/BSc/Quantum theory in the chemical structure determination methods	28					
		5. Chemist/MSc/Elméleti kémiai szerkezetvizsgálatok	28					
		6. Chemistry/BSc/Polarization properties of the photoemission of fluorescent materials	28					
	2nd semester	1. Chemist/MSc/Physical Chemistry IV	28				168	
		2. Chemistry Teacher/Physical Chemistry I	28					
		3. Chemistry Teacher, Biológia tanár, Matematika tanár (osztatlan)/Theoretical Chemistry	28					
		4. Chemistry/BSc/Polarization properties of the photoemission of fluorescent molecules	28					

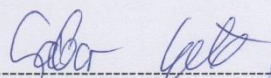
		5. Chemistry/BSc/Host-guest interactions	28						
		6. Chemistry/BSc/Quantum theory in the chemical structure determination methods	28						
2015-2016	1st semester	1.Kémia/BSc/Physical Chemistry II	28				140		
		2. Chemistry/BSc/Theoretical Chemistry	28						
		3. Chemistry/BSc/Quantum theory in the chemical structure determination methods	28						
		4. Chemistry/BSc/Host-guest interactions	28						
		5. Chemistry/BSc/Polarization properties of the photoemission of fluorescent materials	28						
	2nd semester	1. Chemistry/BSc/Physical Chemistry I	56				112		
		2. Chemistry/BSc/Polarization properties of the photoemission of fluorescent molecules	28						
		3. Chemistry/BSc/Host-guest interactions	28						
	2016-2017	1st semester	1.Chemistry/BSc/Physical Chemistry II	28				140	
			2. Chemistry/BSc/Theoretical Chemistry	28					
3. Chemistry/BSc/Quantum theory in the chemical structure determination methods			28						
4. Chemistry/BSc/Host-guest interactions			28						
5. Chemistry/BSc/Polarization properties of the photoemission of fluorescent materials			28						

	2nd semester	1. Chemistry/BSc/Physical Chemistry I	56				242	
		2. Chemistry/BSc/Anyagszerkezet vizsgálatok	14					
		3. Pharmacy/Physical Chemistry 1.	28					
		4. Chemistry/BSc/Anyagszerkezet vizsgálatok gyakorlat			14			
		5. Chemistry/BSc/Polarization properties of the photoemission of fluorescent molecules	28					
		6. Chemistry/BSc/Host-guest interactions	28					
		7. Szőlész-borász (nappali)/BSc/Physical Chemistry Practice			56			
		8. Szőlész-borász (levelező)/BSc/Physical Chemistry Practice			28			
2017-2018	1st semester	1.Chemistry/BSc/Physical Chemistry II	28				140	
		2. Chemistry/BSc/Theoretical Chemistry	28					
		3. Chemistry/BSc/Quantum theory in the chemical structure determination methods	28					
		4. Chemistry/BSc/Polarization properties of the photoemission of fluorescent materials	28					
		5. PhD/Host-guest interactions by fluorescence methods	28					
	2nd semester	-						

Summary (University of Pécs, Faculty of Sciences, Institute of Chemistry)

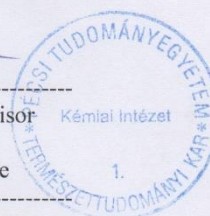
Teaching activities:		Lecture	Seminar	Practice session	Consultation
Total number of contact hours:		1770	14	120	
of which contact hours that are	online classes	-	-		
	classes recorded in an electronic system	1770	14	120	
Grand total of contact hours:					1904
Grand total of contact hours that were lectures:					1770
Grand total of contact hours in subjects assessed by students to be above 3.50:					

Date: 23. November 2022.


 Signature of direct supervisor

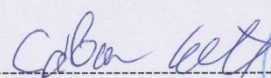
Prof Dr. Gábor Lente

Name of direct supervisor



Direct supervisor summary of student feedback results:

Dr. Sándor Kunsági-Máté held several compulsory and elective courses during his teaching period at the Faculty of Natural Sciences. Students seemed to like their theoretical and laboratory courses, which were absolved successfully. In 2005, he received the „Teacher of the Year Award” from Student Council. He supervised numerous BSc and MSc theses. I believe his teaching habitus fulfills the requirements of a full professor.


 Signature of direct supervisor

Prof Dr. Gábor Lente

Name of direct supervisor



**Certificate of teaching activities
for the university professor application submitted by
Dr. Sándor Kunsági-Máté**

Name of higher education institution, faculty, organisational unit: University of Pécs, Faculty of Pharmacy, Institute of Pharmaceutical Chemistry

Address of higher education institution: H7624 Pécs, Vasvári Pál 4.

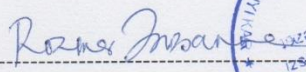
Teaching activities

Period (10 academic years/semesters preceding the application)	Programme name(s) / level(s) /Subject name(s) (academic year / semester)	Number of contact hours*					Student feedback result (for subjects taught during the 5 years preceding the application)
		Lecture	Seminar	Practice session	Consultation	Total (semester)	
2018-2019	I. félév	1. Pharmacy/Pharmaceutical chemistry	6				
		2. Pharmacy/General and inorganic chemistry 1	26				
		3. Pharmacy/General chemistry		14			
		4. Pharmacy/Weak molecular interactions	28				
		5. Pharmacy/Modelling structure and interactions of bioactive molecules	17		11		
						102	
	II. félév	1. Pharmacy/ Weak molecular interactions	28				
		2. Pharmacy/ Modelling structure and interactions of bioactive molecules	17		11		
		3. Pharmacy/Inorganic pharmaceutical chemistry – Theory (two groups)		28			
		4. Pharmacy/Szervetlen pharmaceutical chemistry – Practice (two groups)			84		
						168	

Summary (University of Pécs, Faculty of Sciences, Institute of Chemistry)

Teaching activities:		Lecture	Seminar	Practice session	Consultation
Total number of contact hours:		122	42	106	
of which contact hours that are	online classes	-	-		
	classes recorded in an electronic system	122	42	106	
Grand total of contact hours:					270
Grand total of contact hours that were lectures:					122
Grand total of contact hours in subjects assessed by students to be above 3.50:					

Date: 23. November 2022.

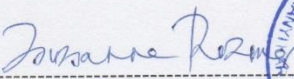

 Signature of direct supervisor

Dr. Zsuzsanna Rozmer

Name of direct supervisor

Direct supervisor summary of student feedback results:

Sándor Kunsági-Máté, during his 18 months working period at our institute, was involved in General and Inorganic Chemistry teaching both in Hungarian and English. He conscientiously delivered his courses; his teaching ability is well-represented by the fact that a bigger classroom must be required because of the increasing number of students. In my opinion, Sándor Kunsági is a well-established teacher to receive a full-professor appointment. Based on the above, I suggest taking into account the total number of contact hours when calculating the number of hours.


 Signature of direct supervisor

Dr. Zsuzsanna Rozmer

Name of direct supervisor

Certificate of teaching activities
for the university professor application submitted by
Dr. Sándor Kunsági-Máté

Name of higher education institution, faculty, organisational unit: University of Pécs, Faculty of Pharmacy, Institute of Organic and Medicinal Chemistry								
Address of higher education institution: H7624 Pécs, Vasvári Pál 4.								
Teaching activities								
Period (10 academic years/semesters preceding the application)		Programme name(s) / level(s) /Subject name(s) (academic year / semester)	Number of contact hours*					Student feedback result (for subjects taught during the 5 years preceding the application)
			Lecture	Seminar	Practice session	Consultation	Total (semester)	
2019-2020	I. félév	1. Pharmacy/Weak molecular interactions	28				56	
		2. Pharmacy/Modelling structure and interactions of bioactive molecules	17		11			
	II. félév	1. Pharmacy/Weak molecular interactions	28				56	
		2. Pharmacy/Modelling structure and interactions of bioactive molecules	17		11			
2020-2021	I. félév	1. Pharmacy/Weak molecular interactions	28				56	
		2. Pharmacy/Modelling structure and interactions of bioactive molecules	17		11			
	II. félév	1. Pharmacy/Weak molecular interactions	28				56	
		2. Pharmacy/Modelling structure and interactions of bioactive molecules	17		11			

2021-2022	I. <i>félév</i>	1. Pharmacy/Weak molecular interactions	28				56	
		2. Pharmacy/Modelling structure and interactions of bioactive molecules	17		11			
	II. <i>félév</i>	1. Pharmacy/Weak molecular interactions	28				56	
		2. Pharmacy/Modelling structure and interactions of bioactive molecules	17		11			

Summary (University of Pécs, Faculty of Sciences, Institute of Chemistry)

Teaching activities:		Lecture	Seminar	Practice session	Consultation
Total number of contact hours:		270	-	66	
of which contact hours that are	online classes	168	-		
	classes recorded in an electronic system	270	-	66	
Grand total of contact hours:					336
Grand total of contact hours that were lectures:					270
Grand total of contact hours in subjects assessed by students to be above 3.50:					

Date: 23. November 2022.



Signature of direct supervisor

Prof. Dr. Tamás Kálai

Name of direct supervisor

Direct supervisor summary of student feedback results:

Sándor Kunsági-Máté has been working at Institute of Organic and Medicinal Chemistry for three years. He holds elective courses for students majoring in pharmacy and biotechnology. Unfortunately the student feedback on elective courses is not compulsory at our university. However I truly declare, that Dr. Sándor Kunsági-Máté conscientiously delivers his courses; and their popularity is well reflected the fact that students are attending on these courses even at late starting hours (6 or 7 pm). I believe his teaching habitus fulfils the requirements of a full professor. Based on the above, I suggest taking into account the total number of contact hours when calculating the number of hours.



Signature of direct supervisor

Prof. Dr. Tamás Kálai

Name of direct supervisor

2. Attachments

**Certificate of teaching activities in a foreign language
for the university professor application submitted by
Sándor Kunsági-Máté**

Direct supervisors summaries of student feedback results

Certificate of teaching activities in a foreign language
for the university professor application submitted by
Sándor Kunsági-Máté

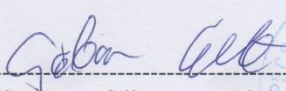
Name of higher education institution, faculty, organisational unit: University of Pécs, Faculty of Sciences, Institute of Chemistry Address of higher education institution: H-7624 Pécs, Vasvári Pál 4.						
Teaching activities						
Period (<i>up to the date of application; academic year/semester</i>)		Programme name(s) and level(s)*, and subject name(s) in the language of delivery <i>(academic year/semester)</i>	Number of contact hours**			
			Lecture	Practice session	Seminar	Total <i>(semester)</i>
2001-2002	1st semester	1. PhD/Quantum chemistry in structure determination of low-temperature-grown GaAs crystals	14	14	14	42
	2nd semester	1. PhD/Quantum chemistry in structure determination of low-temperature-grown GaAs crystals	14	14	14	42
2002-2003	1st semester	1. PhD/Quantum chemistry in structure determination of low-temperature-grown GaAs crystals	14	14	14	42
	2nd semester	1. PhD/Quantum chemistry in structure determination of low-temperature-grown GaAs crystals	14	14	14	42
2003-2004	1st semester	1. PhD/Quantum chemistry in structure determination of low-temperature-grown GaAs crystals	14	14	14	42
	2nd semester	1. PhD/Quantum chemistry in structure determination of low-temperature-grown GaAs crystals	14	14	14	42
2004-2005	1st semester	1. PhD/Quantum chemistry in structure determination of low-temperature-grown GaAs crystals	14	14	14	42
	2nd semester	1. PhD/Quantum chemistry in structure determination of	14	14	14	42

		low-temperature-grown GaAs crystals				
2010-2011	2nd semester	1. PhD/Weak interactions of aromatic molecules	20	8		28
2015-2016	2nd semester	2. Chemistry BSC/Physical chemistry 1.	42			42
2016-2017	2nd semester	1. Pharmacy/Physical chemistry 1.	28			70
		2. Chemistry BSC/Physical chemistry 1.	42			
2017-2018	1st semester	1. Chemistry BSC/Physical chemistry 2.	42			154
		2. Chemistry BSC/Theoretical chemistry	28			
		3. Chemistry MSC/Quantum chemistry in structure determination	28			
		4. Chemistry BSc/Host-guest interactions	28			
		5. PhD/Host-guest interactions by fluorescence studies	28			

Summary (University of Pécs, Faculty of Sciences, Institute of Chemistry)

Type of contact hour:		Lecture	Practice session	Seminar
Total number of contact hours:		398	120	112
of which contact hours that are	online classes	-	-	-
	classes recorded in an electronic system	266	-	-
Grand total of contact hours:				630
Grand total of contact hours delivered as a guest teacher abroad:				364

Date: 23. November 2022.


 Signature of direct supervisor

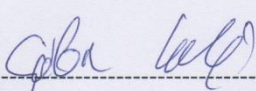
Prof Dr. Gábor Lente

Name of direct supervisor



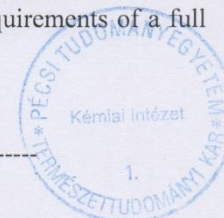
Direct supervisor summary of student feedback results:

Dr. Sándor Kunsági-Máté held several compulsory and elective courses during his teaching period at the Faculty of Natural Sciences. Students seemed to like their theoretical and laboratory courses, which were absolved successfully. In 2005, he received the „Teacher of the Year Award” from Student Council. He supervised numerous BSc and MSc theses. I believe his teaching habitus fulfills the requirements of a full professor.


 Signature of direct supervisor

Prof Dr. Gábor Lente

Name of direct supervisor



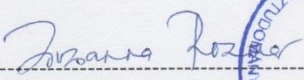
**Certificate of teaching activities in a foreign language
for the university professor application submitted by
Sándor Kunsági-Máté**

Name of higher education institution, faculty, organisational unit: University of Pécs, Faculty of Pharmacy, Institute of Pharmaceutical Chemistry Address of higher education institution: H-7624 Pécs, Vasvári Pál 4.						
Teaching activities						
Period (<i>up to the date of application; academic year/semester</i>)		Programme name(s) and level(s)*, and subject name(s) in the language of delivery <i>(academic year/semester)</i>	Number of contact hours**			
			Lecture	Practice session	Seminar	Total (semester)
2018-2019	1st semester	1. Pharmacy/General Chemistry	26		14	130
		2. Pharmacy/Pharmaceutical Chemistry	6			
		3. Pharmacy/General chemistry calculations			28	
		4. Pharmacy/Weak molecular interactions	28			
		5. Pharmacy/Modelling the structure and interactions of bioactive molecules	17	11		
	2nd semester	1. Pharmacy/Inorganic pharmaceutical chemistry – Theory			14	154
		2. Inorganic pharmaceutical chemistry - Practice		84		
		3. Pharmacy/Weak molecular interactions	28			
		4. Pharmacy/Modelling the structure and interactions of bioactive molecules	17	11		

Summary (University of Pécs, Faculty of Pharmacy, Institute of Pharmaceutical Chemistry)

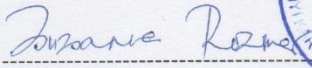
Type of contact hour:		Lecture	Practice session	Seminar
Total number of contact hours:		122	106	56
of which contact hours that are	online classes	-	-	-
	classes recorded in an electronic system	122	106	56
Grand total of contact hours:				284
Grand total of contact hours delivered as a guest teacher abroad:				-

Date: 23. November 2022.


 Signature of direct supervisor
 Dr. Zsuzsanna Rozmer
 Name of direct supervisor

Direct supervisor summary of student feedback results:

Sándor Kunsági-Máté, during his 18 months working period at our institute, was involved in General and Inorganic Chemistry teaching both in Hungarian and English. He conscientiously delivered his courses; his teaching ability is well-represented by the fact that a bigger classroom must be required because of the increasing number of students. In my opinion, Sándor Kunsági is a well-established teacher to receive a full-professor appointment. Based on the above, I suggest taking into account the total number of contact hours when calculating the number of hours.


 Signature of direct supervisor
 Dr. Zsuzsanna Rozmer
 Name of direct supervisor

Certificate of teaching activities in a foreign language
for the university professor application submitted by
Sándor Kunsági-Máté

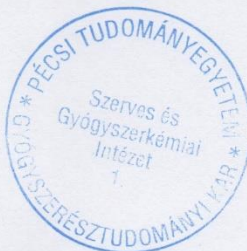
Name of higher education institution, faculty, organisational unit: University of Pécs, Faculty of Pharmacy, Institute of Organic and Medicinal Chemistry Address of higher education institution: H-7624 Pécs, Vasvári Pál 4.						
Teaching activities						
Period (<i>up to the date of application; academic year/semester</i>)		Programme name(s) and level(s)*, and subject name(s) in the language of delivery <i>(academic year/semester)</i>	Number of contact hours**			
			Lecture	Practice session	Seminar	Total <i>(semester)</i>
2019-2020	1st semester	1. Pharmacy/Weak molecular interactions	28			80
		2. Pharmacy/Modelling the structure and interactions of bioactive molecules	17	11		
		3. Biotechnology/MSc/Weak molecular interactions in biotechnology	24			
	II. (félév)	1. Pharmacy/Weak molecular interactions	28			56
		2. Pharmacy/Modelling the structure and interactions of bioactive molecules	17	11		
2020-2021	1st semester	1. Pharmacy/Weak molecular interactions	28			80
		2. Pharmacy/Modelling the structure and interactions of bioactive molecules	17	11		
		3. Biotechnology/MSc/Molecular modelling in biotechnology	24			
	II. (félév)	1. Pharmacy/Weak molecular interactions	28			56

2021-2022		2. Pharmacy/Modelling the structure and interactions of bioactive molecules	17	11		
	1st semester	1. Pharmacy/Weak molecular interactions	28			108
		2. Pharmacy/Modelling the structure and interactions of bioactive molecules	17	11		
		3. Biotechnology/MSc/Molecular modelling in biotechnology	24			
		4. Pharmacy/Biological application of fluorescence polarization methods	28			
	II. (félév)	1. Pharmacy/Weak molecular interactions	28			156
		2. Pharmacy/Modelling the structure and interactions of bioactive molecules	17	11		
		5. Pharmacy/Biological application of fluorescence polarization methods	28			
		6. Biotechnology/MSc/Weak molecular interactions in biotechnology	28			
		5. Pharmacy/ Electrochemical Sensors in Pharmaceutical and Biomedical Analysis	11	2	3	
		6. PhD/ Host-guest interactions by fluorescence studies	28			

Summary (University of Pécs, Faculty of Pharmacy, Institute of Organic and Medicinal Chemistry)

Type of contact hour:		Lecture	Practice session	Seminar
Total number of contact hours:		465	68	3
of which contact hours that are	online classes	168	-	-
	classes recorded in an electronic system	465	68	3
Grand total of contact hours:				536
Grand total of contact hours delivered as a guest teacher abroad:				-

Date: 23. November 2022.



Signature of direct supervisor
Prof. Dr. Tamás Kálai

Name of direct supervisor

Direct supervisor summary of student feedback results:

Sándor Kunsági-Máté has been working at Institute of Organic and Medicinal Chemistry for three years. He holds elective courses for students majoring in pharmacy and biotechnology. Unfortunately the student feedback on elective courses is not compulsory at our university. However I truly declare, that Dr. Sándor Kunsági-Máté conscientiously delivers his courses; and their popularity is well reflected the fact that students are attending on these courses even at late starting hours (6 or 7 pm). I believe his teaching habitus fulfils the requirements of a full professor. Based on the above, I suggest taking into account the total number of contact hours when calculating the number of hours.



Signature of direct supervisor

Prof. Dr. Tamás Kálai

Name of direct supervisor

**Certificate of teaching activities in a foreign and Hungarian languages
for the university professor application submitted by
Sándor Kunsági-Máté**

Summary (English)

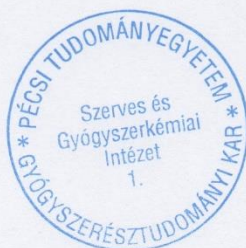
Type of contact hour:	Lecture	Practice session	Seminar
Total number of contact hours:	985	294	171

Summary (Hungarian)

Type of contact hour:	Lecture	Practice session	Seminar
Total number of contact hours:	2162	292	56

Grand total of contact hours:	3960
Grand total of contact hours that were lectures:	3147
Grand total of contact hours delivered as a guest teacher abroad:	364

Date: 23. November 2022.



Tamás Kálai

Signature of direct supervisor

Prof. Dr. Tamás Kálai

Name of direct supervisor

3. Attachments

Certificates performing teaching as guest teacher abroad



„BABEŞ-BOLYAI” UNIVERSITY

FACULTY OF CHEMISTRY AND
CHEMICAL ENGINEERING

„Babeş-Bolyai” University Cluj-Napoca
Faculty of Chemistry and Chemical Engineering
11 Arany Janos; RO - 400028, Cluj-Napoca

Tel.: 0264 593833; Fax: 0264 590818
E-mail: chem@chem.ubbcluj.ro
Web site: chem.ubbcluj.ro

May 19th, 2011

CERTIFICATE

To Whom It May Concern:

We hereby certificate that **Prof. dr. KUNSÁGI – MÁTÉ Sándor** from Faculty of Science, Univeristy of Pécs, Hungary, kept the course: **“Weak interactions of aromatic molecules”** for our master and PhD students in the 2nd semester of the Academic Year 2010/2011.

Assoc. Prof. Majdik Cornelia

DEAN,

Faculty of Chemistry and Chemical Engineering
Babeş – Bolyai University, Cluj-Napoca, Romania



**Friedrich-Alexander-Universität
Erlangen-Nürnberg**



**TECHNISCHE
FAKULTÄT**

Technische Fakultät · Erwin-Rommel-Str. 60 ·
91058 Erlangen

Der Studiendekan

Ansprechpartner Professor Dr.-Ing. Peter Wellmann
Telefon +49 9131 85-27635
Fax +49 9131 85-27831
E-Mail peter.wellmann@ww.uni-erlangen.de
Ihre Nachricht vom:

Erlangen, den 15. Juli 2008

To whom it may concern

Participation in doctoral education by Dr. Kunsági-Máté, Pécs

This is to certify that Dr. Sándor Kunsági-Máté, born on June 28, 1963, (mother's name Erzsébet Makár), has participated in the doctoral education of Carsten Schür. Carsten Schür has passed his final doctoral examination on February 27, 2006 at the Technical Faculty of the Friedrich-Alexander University Erlangen-Nuremberg.

Dr. Kunsági-Máté's participation took place within the frame-work of a continuing joint scientific effort between his group and the group of Prof. Strunk at this faculty. The experimental and theoretical work was funded by the Deutscher Akademischer Austauschdienst, by the Institute of Microcharacterization at the University of Erlangen, and by the University of Pécs, by the Hungarian Scholarship Board (MÖB) and partly the EU Erasmus program. The educational role of Dr. Sándor Kunsági-Máté and his methods of simulation have been an indispensable ingredient to the PhD work and have caused a deeper theoretical understanding of the investigated properties of As-induced defects in GaAs. Most of the corresponding results are explicitly documented in the Dissertation of Carsten Schür ("Non-stoichiometric Epitaxial GaAs on Vicinal Surfaces - The Characteristics of Excess Arsenide") and in a number of scientific publications. A representative overview is given in the annex.

P. Wellmann

Prof. Dr.-Ing. P. Wellmann
Dean of Education
Technical Faculty
University Erlangen-Nuremberg

H.P. Strunk

Prof. Dr. H.P. Strunk
Former Head of
Institute of Microcharacterization
University Erlangen-Nuremberg

Annex
- List of publications

Anschrift
Technische Fakultät
Erwin-Rommel-Str. 60
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www.techfak.uni-erlangen.de

Biomaterials
Erlangen



Friedrich-Alexander-Universität
Technische Fakultät

Universität Erlangen-Nürnberg, Lehrstuhl Biomaterialien Cauerstr. 6, 91058 Erlangen

TO WHOM IT MAY CONCERN

Department für Werkstoffwissenschaften
Lehrstuhl für Werkstoffwissenschaften
(Biomaterialien) – WW 7
Prof. Dr.-Ing. habil. Aldo R. Boccaccini

Dr.-Ing. Gerhard Frank
Akademischer Direktor

Cauerstraße 6, 91058 Erlangen
Telefon +49 9131 85-28606

Gerhard.frank@ww.uni-erlangen.de
<http://www.biomat.techfak.uni-erlangen.de/>

Ihr Zeichen
Ihre Nachricht vom
Unser Zeichen: FAU-WW7-Fr

Erlangen, 15.11.2022

Dr. Sandor Kunsagi-Mate, PhD, DSc

Dr. Sandor Kunsagi-Mate took part in teaching activities during his stay at the Institute for Microcharacterisation (Prof. Dr. H.P. Strunk; after Prof. Strunks retirement the topic and name of the institute changed to the now actual "Institute of Biomaterials").

Course Title: Quantum chemistry in structure determination of low-temperature-grown GaAs crystals

Course level: PhD

Course period: Winter semester 2001 - summer semester 2005 (8 semesters)
14 h lectures + 14 h seminar + 14 lab course per semester
336 h in total

The Technical Faculty of Friedrich-Alexander-Universität did not run a formal PhD school in these years.

Best regards,

Dr. Gerhard Frank
-Akademischer Direktor-

Steuernummer: 216/114/2004
UST-ID: DE13250768

4. Attachments

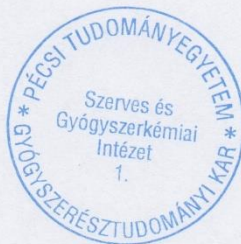
- a) Participation in Board of Examiners**
- b) Subject responsibility certificate**
- c) Certification of the teaching materials authored by the applicant**

a) Participation in Board of Examiners

Participation in Board of Examiners:

1.	2018-19/I.	General and inorganic chemistry I.	pharmacy	Hungarian and English
2.	2008-18/I.-II.	Theoretical chemistry	Chemistry BSc, chemistry teacher	Hungarian and English
3.	2008-18/I.-II.	Chemical informatics	Chemistry BSc	Hungarian and English
4.	2008-18/I.-II.	Quantum chemistry in structure analysis	Chemistry BSc	Hungarian and English
5.	2008-18/I.-II.	Physical chemistry II.	chemistry teacher	magyar
6.	2008-18/I.-II.	Quantum chemistry and molecular dynamics	Chemistry MSc, synthetic chemist	Hungarian and English
7.	2008-18/I.-II.	Physical chemistry III.	Chemistry MSc	Hungarian and English
8.	2008-18/I.	Physical chemistry IV.	Chemistry MSc	Hungarian and English

Date: 23. November 2022.



A handwritten signature in blue ink, appearing to read "Tamás Kálai".

Signature of direct supervisor
Prof. Dr. Tamás Kálai

b) Subject responsibility certificate

No	Academic year/semester	Subject name	Type (A: obligatory, B: elective, C: facultative)	Course and level	Language
1.	2022-23/I.-	Biotechnology on the border of physics and chemistry	A	Biotechnology BSc	English
2.	2018-19/I.	General and inorganic chemistry I.	A	Pharmacy	Hungarian and English
3.	2008-18/I.-II.	Theoretical chemistry	A	Chemistry BSc, chemistry teacher	Hungarian and English
4.	2008-18/I.-II.	Chemical informatics	A	Chemistry BSc	Hungarian and English
5.	2008-18/I.-II.	Quantum chemistry in structure analysis	A	Chemistry BSc	Hungarian and English
6.	2008-18/I.-II.	Physical chemistry II. practice	A	chemistry teacher	Hungarian
7.	2008-18/I.-II.	Quantum chemistry and molecular dynamics	A	Chemistry MSc, synthetic chemist	Hungarian and English
8.	2008-18/I.-II.	Physical chemistry III. seminar	A	Chemistry MSc	Hungarian and English
9.	2008-18/I.	Physical chemistry IV.	A	Chemistry MSc	Hungarian and English
10.	2018-/I.-II.	Weak molecular interactions	B	Pharmacy	Hungarian and English
11.	2018-/I.-II.	Modelling the Structure and Interactions of Bioactive Molecules	B	Pharmacy	Hungarian and English
12.	2021-/I.-II.	Biological Applications of Fluorescence Polarization Methods	C	Pharmacy	Hungarian and English
13.	2020-/I.-II.	Molecular Modelling in Biotechnology	C	Biotechnology MSc	English
14.	2020-/I.-II.	Weak molecular interactions in Biotechnology	C	Biotechnology MSc	English
15.	2022-/I.-II.	Molecular Vibrations and Their Role in the Association of Molecules	C	Biotechnology BSc	English
16.	2012-	Host-guest interactions by fluorescence studies	B	PhD	Hungarian and English

Date: 23. November 2022.



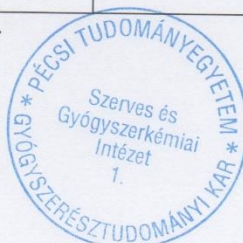
Tamás Kálai

Signature of direct supervisor
Prof. Dr. Tamás Kálai

c) Certification of the teaching materials authored by the applicant

No.	Lecture notes (pages)	Book (pages)	Supporting study materials (pages)	Digital teaching materials	Editor /sole author / first/ more authors/ % of the total/
1.			Polarization properties of fluorescent materials (153 pages)		sole author
2.	Introduction to quantum chemistry practice (220 pages, Hungarian)				co-author (50%)
3.	Physical Chemistry practice (175 pages, Hungarian)				co-author (50%)
4.			Structure analysis by quantum-chemical methods (105 pages)		sole author
5.				Electrochemical Sensors in Pharmaceutical and Biomedical Analysis (4,5 hours, video, English)	sole author
6.				Molecular modelling Part I. (170 slides)	co-author (50%)
7.				Weak molecular interactions (300 slides, with voice descriptions, English)	sole author
8.				Weak molecular interactions (300 slides, with voice descriptions, Hungarian)	sole author
9.				Modelling the structure and interactions of bioactive molecules (300 slides, with voice descriptions, Hungarian)	sole author
10.				Modelling the structure and interactions of bioactive molecules (300 slides, with voice descriptions, English)	sole author
11.				Weak molecular interactions in biotechnology (300 slides, with voice descriptions, English)	sole author

Date: 23. November 2022.



Tamás Kálai

Signature of direct supervisor
Prof. Dr. Tamás Kálai

5. Attachments

- a) Approval of the scientific metrics (General Table, based on MTMT)
- b) Approval of the scientific metrics (Specific Table, based on MTMT)
- c) Publications matched the Citation parameter
- d) Five publications selected from the overall and five from the last five years of the applicant

a) Approval of the scientific metrics (General Table, based on [MTMT](#))

PÉCSI TUDOMÁNYEGYETEM
EGYETEMI KÖNYVTÁR
ÉS TUDÁSKÖZPONT

PT/118183-1/2022.

MTMT közlemény és idéző összefoglaló táblázat				
Kunsági-Máté Sándor adatai (2022.11.14)				
Közlemény típusok	Szám		Hivatkozások ¹	
	Összes	Részletezve	Független	Összes
I. Tudományos folyóiratok	166	---	---	---
külföldi kiadású szakfolyóiratban idegen nyelven	---	160	1350	2136
külföldi kiadású szakfolyóiratban magyar nyelven	---	0	0	0
hazai kiadású szakfolyóiratban idegen nyelven	---	4	0	11
hazai kiadású szakfolyóiratban magyar nyelven	---	2	0	0
II. Könyvek	1	---	---	---
a) Könyv, szerzőként	0	---	---	---
idegen nyelvű	---	0	0	0
magyar nyelvű	---	0	0	0
b) Könyv, szerkesztőként ²	1	---	---	---
idegen nyelvű	---	1	---	---
magyar nyelvű	---	0	---	---
III. Könyvrészlet	0	---	---	---
idegen nyelvű	---	0	0	0
magyar nyelvű	---	0	0	0
IV. Konferenciaközlemény folyóiratban vagy konferenciakötetben	5	---	---	---
idegen nyelvű	---	5	0	2
magyar nyelvű	---	0	0	0
Közlemények összesen (I-IV.)	172	---	1350	2149
Absztrakt³	17	---	0	0
Kutatói adat	0	---	0	0
További tudományos művek⁴	12	---	2	5
Összes tudományos közlemény	201	---	1352	2154
Hirsch Index⁵	26	---	---	---
Oktatási művek	0	---	---	---
Felsőoktatási művek	0	---	---	---
Felsőoktatási tankönyv idegen nyelvű	---	0	0	0
Felsőoktatási tankönyv magyar nyelvű	---	0	0	0
Felsőoktatási tankönyv része idegen nyelven	---	0	0	0
Felsőoktatási tankönyv része magyar nyelven	---	0	0	0
Oktatási anyag	0	---	0	0
Oktalmi formák	0	---	0	0
Alkotás	0	---	0	0

Ismeretterjesztő művek	0	—	—	—
Folyóiratcikkek	—	0	0	0
Könyvek	—	0	0	0
További ismeretterjesztő művek	—	0	0	0
Közérdekű vagy nem besorolt művek*	0	—	0	0
További közlemények†	0	—	0	0
Egyéb szerzőség*	0	—	0	0
Idézők szerkesztett művekre	—	—	0	0
Idézők disszertációban, egyéb típusban	—	—	70	74
Összes közlemény és összes idézők	201	—	1422	2228
Megjegyzések				
A táblázat számai hivatkozások is. A számra kattintva a program listázza azokat a műveket, amelyeket a cellában összeszámolt.				
— : Nem költendő cella				
* A hivatkozások a disszertáció és egyéb típusú idézők nélkül számolva. A disszertáció és egyéb típusú idézők összesítve a táblázat végén találhatók.				
† Szerkesztőként nem részesedik a könyv idézéséből				
* Csak a tudományos jellegű absztraktok.				
* Minden további még el nem számolt tudományos mű (kivéve alkotás vagy oltalmi forma), ahol a szerző: szerző, szerkesztő, kritikai vagy forráskiadás készítője szerzőségű.				
* A disszertációk és egyéb típusú idézők nélkül számolva. A sor értéke az "Összes tudományos közlemény" sor idézettségi adatait veszi alapul.				
* Minden Közérdekű, Nem besorolt jellegű közlemény, ahol a szerző nem egyéb szerzőségű szerző.				
† Ide értve minden olyan művet, mely a táblázat más, nevesített soraiban nem került összeszámlálásra.				
* Minden olyan egyéb szerzőségű mű, ahol a szerző nem: szerző, szerkesztő, kritikai vagy forráskiadás készítője szerzőségű.				

Hitelesítés

MTMT közlemény és idéző összefoglaló táblázatában levő, az összes tudományos közleményre vonatkozó adat hiteles.

Pécs, 2022. 11. 14.


 PTE intézményi MTMT adminisztrátor

2022. nov. 14. 8:00

b) Approval of the scientific metrics (Specific Table, based on [MTMT](#))

PÉCSI TUDOMÁNYEGYETEM
EGYETEMI KÖNYVTÁR
ÉS TUDÁSKÖZPONT

PRE/118183-1/2022

Kunsági-Máté Sándor tudományos és oktatási munkásságának összefoglalása
MTA VII. Kémiai Tudományok Osztályának táblázata (2022.11.14)

Tudományos közlemények	Az utolsó tudományos fokozat megszerzése óta (1998)	Összesen
1.0 Összes közleményeinek ¹ száma (1.1 - 1.7 sorok összege)	<u>172</u>	<u>177</u>
1.1 Közlemények SCI referált folyóiratokban	<u>159</u>	<u>163</u>
Ebből levelező szerzőként	<u>69</u>	<u>69</u>
Ebből egy szerzős közlemény	0	0
1.2 Közlemények magyar nyelvű folyóiratokban	<u>1</u>	<u>1</u>
Ebből levelező szerzőként	0	0
Ebből egy szerzős közlemény	0	0
1.3 Megadott alapszabadmunkák száma	0	0
1.4 Közlemény egyéb nemzetközi folyóiratokban	<u>6</u>	<u>7</u>
1.5 Közlemény egyéb magyar nyelvű folyóiratokban	0	0
1.6 Kongresszusi kiadványban (proceedings: teljes munka, nem rövid kivonat)	<u>5</u>	<u>5</u>
1.7 Összefoglaló művek	<u>1</u>	<u>1</u>
Összefoglaló cikk idegen nyelvű	0	0
Összefoglaló cikk magyar nyelvű	0	0
önálló könyv	0	0
könyvfejezet	0	0
szerkesztett könyv	<u>1</u>	<u>1</u>
felsőoktatási tankönyv	0	0
felsőoktatási tankönyvfejezet	0	0

Tudomány-metriai adatok	I _h H	
Összes dolgozat idézettsége ² , önhivatkozás nélkül (i)	1350	
Szabadalmak idézettsége ² , önhivatkozás nélkül (i)	0	
Könyvfejezeteinek idézettsége ² , önhivatkozás nélkül (i)	0	
Speciális adatok	Adat	Az összes %-ában
Az utolsó tudományos fokozat (PhD) utáni (1998) közlemények száma	171	---
Magyar nyelven megjelent közlemények száma és részaránya az összes közlemény százalékában	2	1,14%
Az öt legmagasabb független idézettségű közlemény idézettségi száma ³	218	---
Hirsch-index ³	26	---

Megjegyzések:

Az alapszabadmunkák és a nemzeti variációk adatait a pályázók közvetlenül közvetlenül nyújthatják be.

A válogatott közlemények listáját közvetlenül kell csatolni a doktori pályázatához.

¹ Teljes tudományos közlemények az MTA doktori eljárásban (részletek)

² Hivatkozások (idézetek) a disszertáció és egyéb típusúak nélkül

³ Disszertációk és egyéb típusú idézetek nélkül

n.a. = nincs adat

Hitelesítés

MTMT közlemény és idéző szakterületi táblázatában levő, az összes tudományos közleményre vonatkozó adat hiteles.

Pécs, 2022. 11. 14.

PTE intézményi MTMT adminisztrátor

- c) Publications matched the Citation parameter (defined in the call): I have co-authored the following **10** publications, which have received at least 20 independent citations where my role in the authorship was *first*, *last* and/or *corresponding* author:

No	Title	Authors	Role of the applicant (sole/first/last/corresponding)	Journal		n (citation parameter)	Independent citations (Cit.)
				name	ranking (e.g. Q1)		
1.	Complex formation between water-soluble sulfonated calixarenes and C-60 fullerene	Kunsagi, Mate S; Szabo, K ; Bitter, I ; Nagy, G ; Kollar, L	first and corresponding	TETRAHEDRON LETTERS 45 (2004) 1387	Q1	10	43
2.	Structural properties of methanol - water binary mixtures within the quantum cluster equilibrium model	Gergely, Matisz ; Anne-Marie, Kelterer; Walter, Fabian ; Sándor, Kunsági-Máté	last	PHYSICAL CHEMISTRY CHEMICAL PHYSICS 17 (2015) 8467	Q1(D1)	10	44
3.	Host-guest interaction between water-soluble calix[6]arene hexasulfonate and p-nitrophenol	Kunsagi, Mate S; Szabo, K ; Lemli, B ; Bitter, I ; Nagy, G ; Kollar, L	first and corresponding	THERMOCHIMICA ACTA 425 (2005) 121	Q1	10	29
4.	Interaction of citrinin with human serum albumin	Póór, Miklós ; Lemli, Beáta ; Bálint, Mónika ; Hetényi, Csaba ; Sali, Nikolett ; Kőszegi, Tamás; Kunsági-Máté, Sándor	last	TOXINS 7 (2015) 5155	Q1	10	24
5.	Some Unexpected Behavior of the Adsorption of Alkali Metal Ions onto the Graphene Surface under the Effect of External Electric Field	Beáta, Peles-Lemli ; Dániel, Kánnár ; Jia, Cai Nie ; Heng, Li ; Sándor, Kunsági-Máté	last and corresponding	JOURNAL OF PHYSICAL CHEMISTRY C 117 (2013) 21509	Q1(D1)	10	37
6.	Determination of the thermodynamic parameters of the complex formation between malvidin-	Kunsagi, Mate S; Szabó, K ; Nikfardjam, MP ; Kollár, L	first and corresponding	JOURNAL OF BIOCHEMICAL AND BIOPHYSICAL METHODS 69 (2006) 113	Q2	10	27

	3-O-glucoside and polyphenols. Copigmentation effect in red wines						
7.	Host-guest interaction of calixarene molecules with neutral benzonitriles : Comparison of luminescence spectral data with results of model calculations relating to complex formation	Kunsagi, Mate S ; Nagy, G; Kollar, L	first	ANALYTICA CHIMICA ACTA 428 (2001) 301	Q1	10	21
8.	Effect of exposure time and pre-heating on the conversion degree of conventional, bulk-fill, fiber reinforced and polyacid-modified resin composites	Lempel, Edina ; Óri, Zsuzsanna ; Szalma, József ; Lovász, Bálint Viktor ; Kiss, Adél ; Tóth, Ákos ; Kunsági-Máté, Sándor	last	DENTAL MATERIALS 35 (2019) 217	Q1(D1)	10	30
9.	Weinhold's QCE model – A modified parameter fit. Model study of liquid methanol based on MP2 cluster geometries	Gergely, Matisz ; Walter, M F Fabian ; Anne-Marie, Kelterer ; Sándor, Kunsági-Máté	last and corresponding	JOURNAL OF MOLECULAR STRUCTURE: THEOCHEM 956 (2010) 103	Q2	10	21
10	Coordination of Methanol Clusters to Benzene: A Computational Study	Matisz, G ; Kelterer, AM ; Fabian, WMF ; Kunsagi-Mate, S	last and corresponding	JOURNAL OF PHYSICAL CHEMISTRY A 115 (2011) 10556	Q1(D1)	10	22

d) Five publications selected from the overall and five from the last five years of the applicant

No	Title	Authors	Role of the applicant (sole/first/last/corresponding)	Journal	
				Name	ranking (e.g. Q1)
1.	Anodic Polymerization of Phenylphenols in Methyl Isobutyl Ketone and Mesityl Oxide: Incorporation of a Cavitand into the Layers Formed for Sensing Phenols in Organic Media	Kiss, László ; Nagymihály, Zoltán ; Szabó, Péter ; Kollár, László ; Kunsági-Máté, Sándor	last and corresponding	MOLECULES 27 (2022) 5366	Q1 (2021)
2.	Weak Interactions of the Isomers of Phototrexate and Two Cavitand Derivatives	Preis, Zsolt ; Nagymihály, Zoltán ; Kollár, László ; Kálai, Tamás ; Kunsági-Máté, Sándor	last and corresponding	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES 22:19 (2021) 10764	Q1(D1)
3.	Comparative EPR Study on the Scavenging Effect of Methotrexate with the Isomers of Its Photoswitchable Derivative	Preis, Zsolt ; Hartvig, Nóra ; Bognár, Balázs ; Kálai, Tamás ; Kunsági-Máté, Sándor	last and corresponding	PHARMACEUTICALS 14:7 (2021) 665	Q1(D1)
4.	Weak Interaction of the Antimetabolite Drug Methotrexate with a Cavitand Derivative	Preis, Zsolt ; Nagymihály, Zoltán ; Lemli, Beáta ; Kollár, László ; Kunsági-Máté, Sándor	last and corresponding	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES 21:12 (2020) 4345	Q1(D1)
5.	Effect of exposure time and pre-heating on the conversion degree of conventional, bulk-fill, fiber reinforced and polyacid-modified resin composites	Lempel, Edina ; Őri, Zsuzsanna ; Szalma, József ; Lovász, Bálint Viktor ; Kiss, Adél ; Tóth, Ákos ; Kunsági-Máté, Sándor	last	DENTAL MATERIALS 35 (2019) 217	Q1(D1)
6.	Structural properties of methanol - water binary mixtures within the quantum cluster equilibrium model	Gergely, Matisz ; Anne-Marie, Kelterer ; Walter, Fabian ; Sándor, Kunsági-Máté	last	PHYSICAL CHEMISTRY CHEMICAL PHYSICS 17 (2015) 8467	Q1(D1)
7.	Some Unexpected Behavior of the Adsorption of Alkali Metal Ions onto the Graphene Surface under the Effect of External Electric Field	Beáta, Peles-Lemli ; Dániel, Kánnár ; Jia, Cai Nie ; Heng, Li ; Sándor, Kunsági-Máté	last and corresponding	JOURNAL OF PHYSICAL CHEMISTRY C 117 (2013) 21509	Q1(D1)
8.	Host-guest interaction between water-soluble calix[6]arene hexasulfonate and p-nitrophenol	Kunsagi, Mate S ; Szabo, K ; Lemli, B ; Bitter, I ; Nagy, G ; Kollar, L	first and corresponding	THERMOCHIMICA ACTA 425 (2005) 121	Q1
9.	Host-guest interaction of calixarene molecules with neutral	Kunsagi, Mate S ; Nagy, G ; Kollar, L	first	ANALYTICA CHIMICA ACTA 428 (2001) 301	Q1

	benzotrifluorides: Comparison of luminescence spectral data with results of model calculations relating to complex formation				
10	Coordination of Methanol Clusters to Benzene: A Computational Study	Matisz, G ; Kelterer, AM ; Fabian, WMF ; Kunsagi-Mate, S	last and corres- ponding	JOURNAL OF PHYSICAL CHEMISTRY A 115 (2011) 10556	Q1(D1)

6. Attachments

Statements

1. Statements about the branch of science where the application associated
2. Statements about the associated Section and Committee of the Hungarian Academy of Sciences
3. Statement of consent for the processing, retention and disclosure of personal data

Statement

I, the undersigned Sándor Kunsági-Máté declare that I have been performing educational and scientific activities in the discipline(s) of **6. Health Sciences** and **8. Natural Sciences**, in the branch(es) of **6.3 Pharmaceutical sciences** and **8.4 Chemical Sciences**.

I request that my university professor application be evaluated on the basis of the criteria applicable to following branch of science: **8.4 Chemical Sciences**

Date: 30. November 2022.



.....
Sándor Kunsági-Máté

Statement

I, the undersigned Sándor Kunsági-Máté declare that my research activity relates to the **VII. Section of Chemical Sciences** of the Hungarian Academy of Sciences, below the **Committee of Physical Chemistry**.

Date: 30. November 2022.



.....
Sándor Kunsági-Máté

STATEMENT OF CONSENT**for the processing, retention and disclosure of personal data in accordance with the provisions of law**

I, the undersigned Sándor Kunsági-Máté (name) hereby give my consent for all of my personal data submitted in my university professor application to be processed by the Hungarian Accreditation Committee (HAC; address: 1013 Budapest, Krisztina krt. 39/B) in compliance with Act CXII of 2011 on the right to informational self-determination and on the freedom of information and in accordance with the data protection rules of the Hungarian Accreditation Committee

I understand that the purpose of data processing is to provide an expert opinion on my university professor application.

I accept that in the course of its decision-making, HAC as data controller will make my university professor application and my personal data therein accessible the participants of the expert evaluation process. Access to the paper copy of the application and to its electronic copy stored in the TIR 2.0 database on the server of the HAC will be subject to confidentiality requirements. I consent to the publication of the expert opinion by the HAC on its website (www.mab.hu), with disclosure of the following information: HAC code, discipline, institute, application supported/not supported.

As data controller, the HAC will store all personal data on servers which are under its own physical control and to which password-protected access is granted only to staff members and experts participating in the evaluation procedure. Access to data will be logged.

As data controller, the HAC will not disclose data except as consented herein, and will ensure the protection of data in compliance with the law.

In the framework of data processing for the purpose of providing an expert opinion, the HAC will process data lawfully, fairly and in a manner which is transparent for natural persons, guaranteeing the rights of natural persons and limiting the length of data storage to the absolute minimum necessary.

The staff of the HAC Secretariat will process, store and destroy the data concerned in accordance with the applicable legal provisions. The staff involved in the processing of data will comply with the confidentiality obligations laid down in their job descriptions and in the organisational and operational rules of the HAC. The data processed is covered by the obligation of professional secrecy. The experts will process the data concerned in accordance with the applicable legal provisions and are bound by a declaration of confidentiality. The data processed is classified as confidential.

I understand that to request information about the processing of my personal data, to revoke my statement of consent or to request the correction, blocking or deletion of my personal data, I may at any time send an email to lakatos.peter@mab.hu or write to the following address: Hungarian Accreditation Committee, 1013 Budapest, Krisztina krt. 39/B. If I deem my rights relating to the processing of personal data to have been violated, I may initiate court proceedings against the data controller or request an investigation by the National Authority for Data Protection and Freedom of Information (at 1363 Budapest, Pf.: 9. , ugyfelszolgalat@naih.hu, +36-1-3911400, www.naih.hu).

Dated 30 (day) November (month) 2022. (year)

Kunsági-Máté Sándor

Sándor Kunsági-Máté

7. Attachments

Certified personal materials

- a) university diploma
- b) PhD diploma
- c) Habilitation diploma
- d) Certification of DSc title
- e) State Language Examination Certificate (English)
- f) State Language Examination Certificate (Russian)

a) university diploma

83/1987 szám

A. TL. 1124. r. sz. - B. Gy. - Péter-Nyomell. - 1386-34 000 - Fgyv. 5. (K)

83/1987 szám

Oklevél

Ezt az oklevelet Kunsági Máté Sándor
aki az 1963. év június hó 28. napján
Nagykanizsa városban (középsően)
Zala megyében Magyar-országban
született, és az 1982-83. tanévtől az 1986-87. tanévtől a
József Attila Tudományegyetem
Természettudományi kar
fizikus szakán

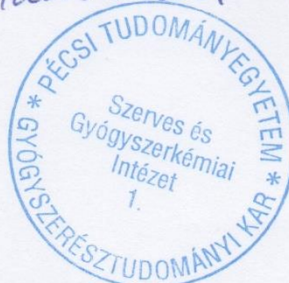
tanulmányi kötelezettségének eleget tett.
Az Állami Vizsgaügyi Bizottság 1987. évi
június hó 9. i határozata alapján
nevezett oklevél fizikusnak

Oklevélnek minősítés: (dlt. 11)
Kelt, Szeged, 1987. június hó 27. -én.
nyilvánítjuk

Prof. Dr. József Attila
All. Vizsg. Biz. elnöke

Prof. Dr. József Attila
oklevél kiadás, jegyzéskészítés, igazolás

Certified: Taw's Labon 28/11/2022



b) PhD diploma

JÓZSEF ATTILA TUDOMÁNYEGYETEM

TTK-23/19 98. R. sz.

DOKTORI BIZONYÍTVÁNY

A József Attila Tudományegyetem Természettudományi Karának dékánja hivatalosan igazolja,
 hogy

Kunsági-Máté Sándor, aki született Nagykanizsa, 1963. év
június hónap 28. nap, anyja neve: Makár Erzsébet,

tudományos felkészültségét a

fizikatudomány
tudományszakból

minősítéssel bebizonyította, a doktori esküt 19 98. év február hónap 27. nap letette, így
 ettől a naptól fogva az 1993. évi LXXX. törvény a felsőoktatásról 100. § (5) bekezdése alapján
 a doktori (PhD) cím megilleti és családi neve mellett a "Dr." megjelölés használatára jogosult.

Szeged, 19 98. év február hó 27. nap

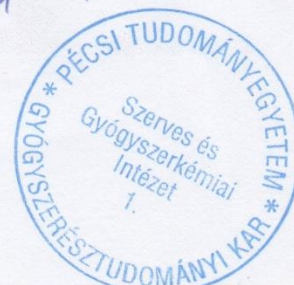
Bor Zoltán
 Programtanács Elnöke



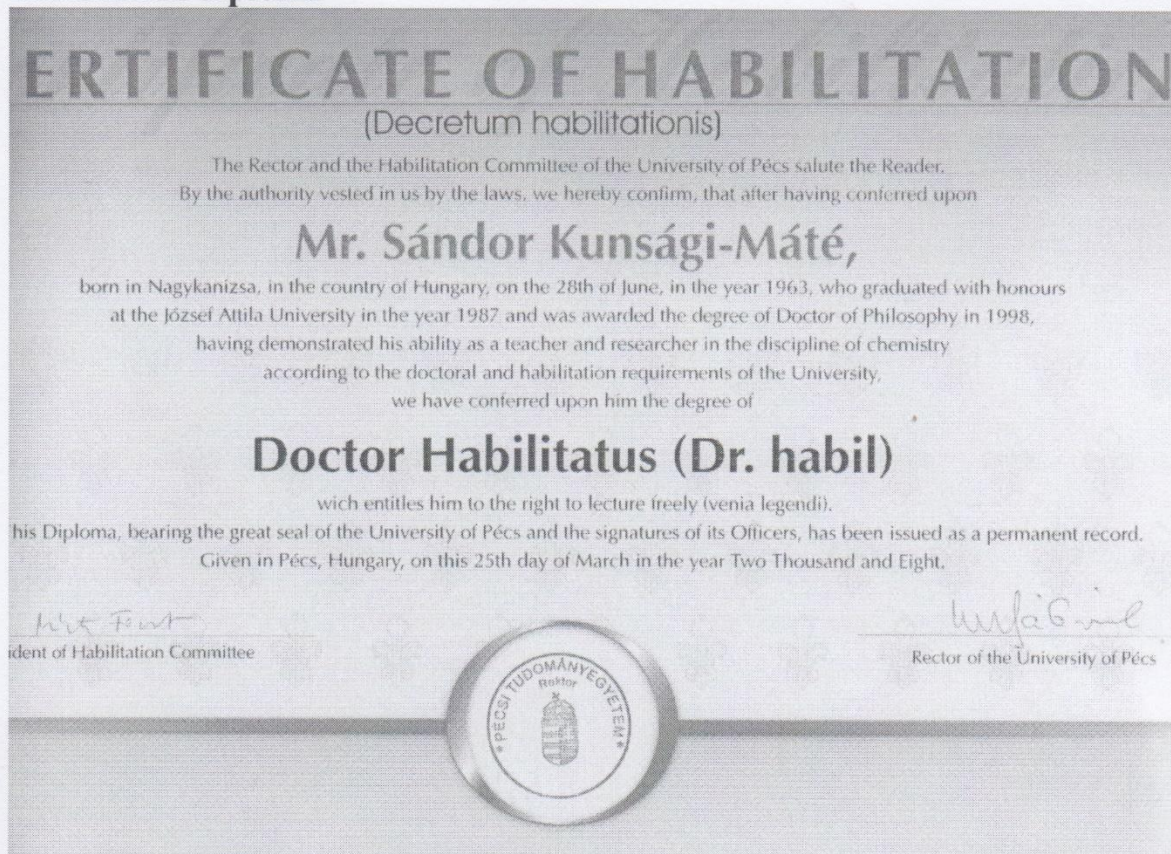
Vargha János
 Dékán

Deák Zoltán
 Rektor

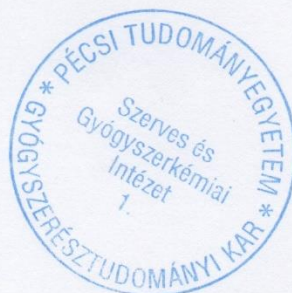
Csekefi Zoltán: Tanszék 28/11/2022




c) habilitation diploma



Centified: Tamás Balás 2/11/2022



d) Certification of DSc title

 MAGYAR TUDOMÁNYOS AKADÉMIA
DOKTORI TANÁCS
ELNÖK

Anyakönyvi szám: 5828
Előadó: Szabó Krisztina

Kunsági-Máté Sándor úrnak

Pécs

Tisztelt Kunsági-Máté Sándor!



Értesítem, hogy az MTA Doktori Tanácsa a 2022. évi szeptember hó 30. napján tartott ülésén Önnek

a Magyar Tudományos Akadémia doktora
tudományos címet adományozta.

Doktori tiszteletdíjra 2022. év október hó 1. napjától kezdődően jogosult.

Tájékoztatom, hogy a doktori oklevelek ünnepélyes átadásának időpontjáról később értesítjük.

Budapest, 2022. szeptember 30.

Benkő Elek
az MTA rendes tagja

Certifikát: Tanácsbíró 28/11/2022

1051 Budapest, Nádor utca 7. (1245 Budapest, Pf. 1000)
Telefon: +36 1 411-6221 / E-mail: doktori.tanacs@titkarsag.mta.hu / www.mta.hu

e) State Language Examination Certificate (English)

State Language Examination Certificate

This certificate has been issued to _____
KUNSÁGI MÁTÉ SÁNDOR
 born in the city/town/village of **NAGYKANIZSA**,
 in the county of **ZALA**
 in the country of **HUNGARY**
 on **28.06.1963** and who has passed the examination
 of the State Language Examination Board.
 The State Language Examination Board has certified that he/
 she took the **INTERMEDIATE** -level state language
 examination in **ENGLISH**
 On the basis of the examination, he/she has met the require-
 ments of the **A** -type examination.
 Budapest, **01. DECEMBER** 199 **3**

This is to certify that the above is an authentic translation of
 the original Hungarian certificate N- **45678** and
 agrees with it in every respect.
 Budapest, **21. DECEMBER** 199 **3**

A. TH. 2704. F. SZ. - Párizs-Nyomelt. - 1963 - 12 606
 Párizs Nyomda Rt. (Fsz.: 5.8627)
 Látta: MKM. (száma) B. Gy. 1992. X. 1.

Head of Exam Administration
 Chairman of the State
 Language Examination Board

Head of the English Department

Állami Nyelvvizsga Bizonyítvány

Ezt a bizonyítványt **KUNSÁGI MÁTÉ SÁNDOR**
 számára állítottuk ki,
 aki az 19 **63.** év **06.** hó **28.** napján
NAGYKANIZSA városban (községben)
ZALA megyében
MAGYAR országban
 született és az Állami Nyelvvizsga Bizottság előtt vizsgázott.
 Az Állami Nyelvvizsga Bizottság tanúsítja, hogy
ANKA nyelvből **KÖZÉPFOKÚ**
 állami nyelvvizsgát tett.
 A vizsga alapján:
 a (sz) **A** típusú vizsga követelményeinek megfelelt.
 Budapest, 19 **93.** év **12.** hó **01.** nap.

A Nyelvvizsga Osztály
 Igazgatója

Állami Nyelvi
 Bizottság elnöke

PÉCSI TUDOMÁNYEGYETEM
 Szerves és
 Gyógyszerkémiai
 Intézet
 77 1.

Certified: Tamas Kari 28/11/2022

f) State Language Examination Certificate (Russian)

SZEGEDI TUDOMÁNYEGYETEM
Idegennyelvi Kommunikációs Intézet
6722 SZEGED, Honvéd tér 6.
Tel. & Fax: (62)544-539, (62)544-638



UNIVERSITY OF SZEGED
Inst. for Comm. in Foreign Lang.
6722 SZEGED, Honvéd tér 6.
Tel. & Fax: (62)544-539, (62)544-638
HUNGARY

Igazolás

A művelődési miniszter 13/1985. (X.23) MM számú rendelete szerint a felsőoktatási intézményekben *1999. december 31. előtt* jó vagy jeles eredménnyel letett nyelvi záróvizsga alapfokú „C” típusú *állami nyelvvizsgának* felelt meg.

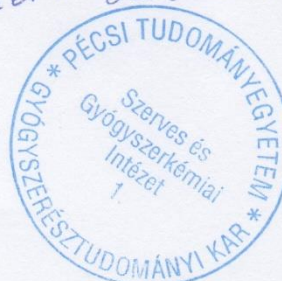
Igazolom, hogy, Dr. Kunsági Máté Sándor Nagykanizsa, 1963. június 28., an. Makár Erzsébet) *orosz nyelvből* 1983. december 14-én ilyen vizsgát tett, tehát *ezen ekvivalenciára jelzett időpont előtt jogosultságot szerzett.*



Margit dr. Szalacsek Margit
intézetvezető

Szeged, 2011. November 24.

Certifikát: Török Kati 28/11/2022



8. Attachments

Other documents

- a) Award of Student Council, Student feedback certification
- b) Certification about the supervision of research of student awarded by Pro Scientia Gold Medal
- c) János Bolyai Research Fellowship of Hungarian Academy of Sciences
- d) St. Bernard Award of the Cistercian Order
- e) Hungarian Student Council, Chemistry and Chemical Industry Division, 2011-2014, chair

a) Award of Student Council, Student feedback certification

PÉCSI TUDOMÁNYEGYETEM
Természettudományi Kar
Hallgatói Önkormányzat

Dr. Kunsági-Máté Sándor
Kémia Intézet
Általános és Fizikai Kémiai Tanszék

Tisztelt Dr. Kunsági-Máté Sándor!

Ezúton szeretnénk meghívni a **Kari Tanács június 1-én, 2 órakor** tartandó ülésére, melynek bevezetőjeként adnánk át Önnek a Hallgatói Véleményezések alapján a szakterület legjobbjának járó „Év Oktatója” díjat. Ezzel is megköszönve eddigi lelkiismeretes munkáját.

Király Balázs

elnök

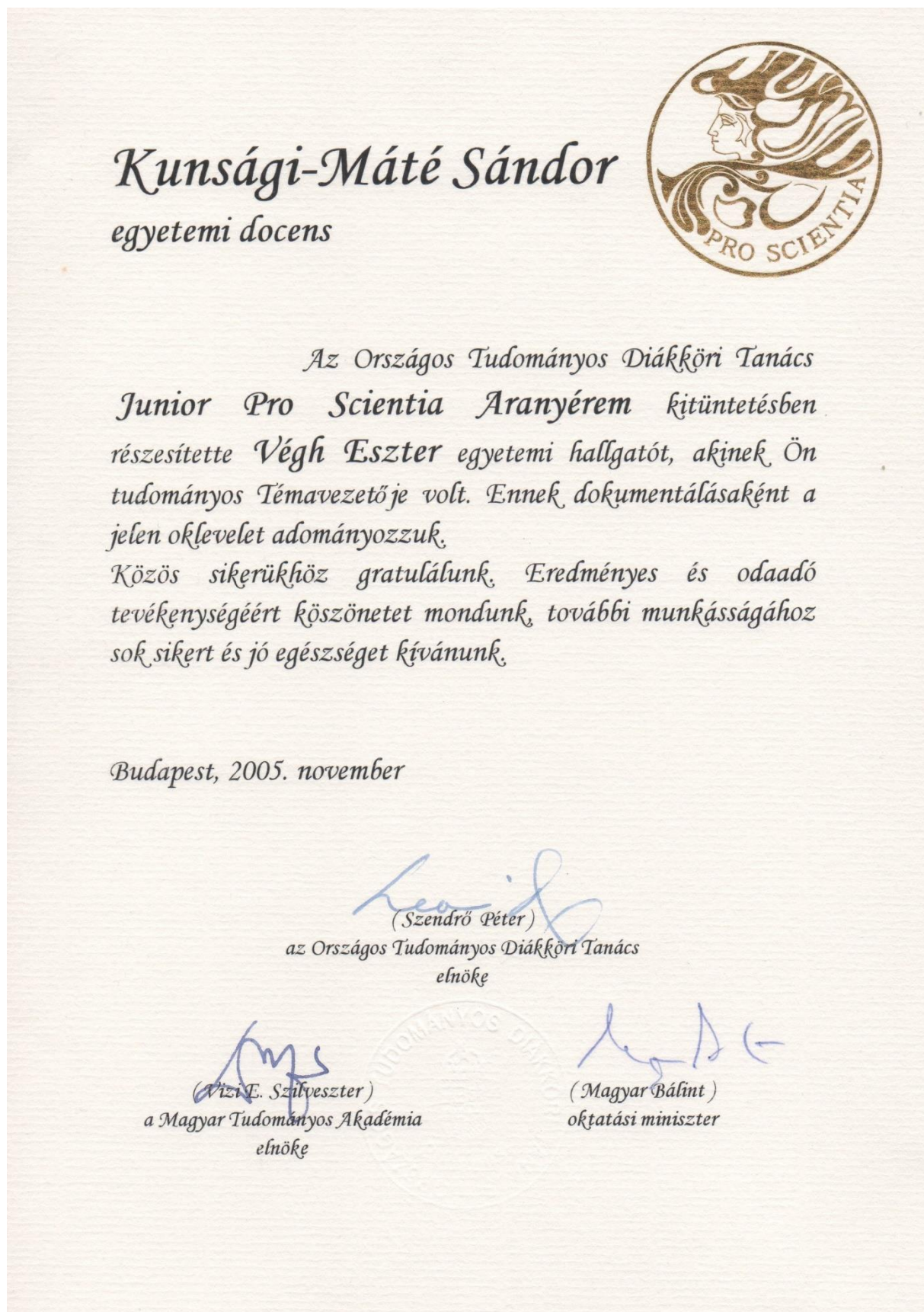
TTK HÖT

Pécs, 2005. május 24.

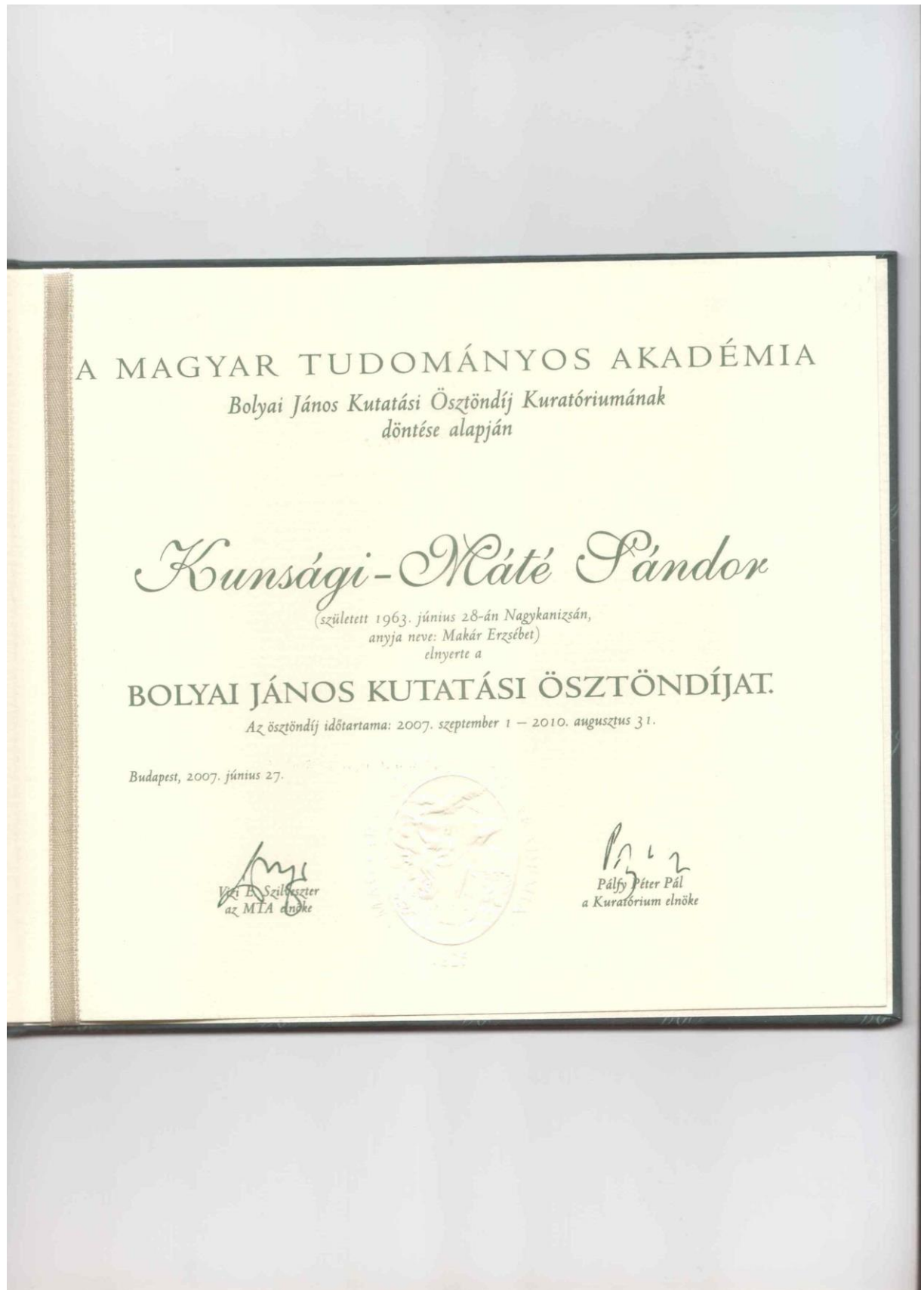


H-7624 Pécs • Ifjúság útja 6.
Telefon: +36 (72) 503-600/4141,4423
Fax: +36 (72) 503-600/4423

**b) Certification about the supervision of research of student awarded
by Pro Scientia Gold Medal**



c) János Bolyai Research Fellowship of Hungarian Academy of Sciences



d) St. Bernard Award of the Cistercian Order



e) **Hungarian Student Council, Chemistry and Chemical Industry Division, 2011-2014, chair**

