

СУМАРНИ ТАБЕЛАРНИ ПРИКАЗ ОСТВАРЕЊА ПРОФ. Др Татјане Параш-Вогт

ИМЕ И ПРЕЗИМЕ: Татјана Параш-Вогт, Католички универзитет у Лувену, Лувен, Белгија

РАДОВИ У МЕЂУНАРОДНИМ ЧАСОПИСИМА СА SCI-ЛИСТЕ	<p>Радови у међународним часописима изузетне вредности (M21a)</p> <ol style="list-style-type: none">1. L. Zhu, L. Qin, T.N. Parac, N.M. Kostić, Site-Specific Hydrolytic Cleavage of Cytochrome c and of Its Heme Undecapeptide, Promoted by Coordination Complexes of Palladium(II), <i>Journal of the American Chemical Society</i>, 116 (1994) 5218-5224.2. T.N. Parac, N.M. Kostić, New selectivity and turnover in peptide hydrolysis by metal complexes. A palladium(II) aqua complex catalyzes cleavage of peptides next to the histidine residue, <i>Journal of the American Chemical Society</i>, 118 (1996) 51-583. T.N. Parac, N.M. Kostić, Effects of linkage isomerism and of acid-base equilibria on reactivity and catalytic turnover in hydrolytic cleavage of histidyl peptides coordinated to palladium(II). Identification of the active complex between palladium(II) and the histidyl residue, <i>Journal of the American Chemical Society</i>, 118 (1996) 5946-5951.4. D.L. Caulder, R.E. Powers, T.N. Parac, K.N. Raymond, The self-assembly of a predesigned tetrahedral M4L4 supramolecular cluster, <i>Angewandte Chemie - International Edition</i>, 37 (1998) 1840-1843.5. T.N. Parac, D.L. Caulder, K.N. Raymond, Selective encapsulation of aqueous cationic guests into a supramolecular tetrahedral [M4L6]12- anionic host [16], <i>Journal of the American Chemical Society</i>, 120 (1998) 8003-8004.6. T. Beissel, R.E. Powers, T.N. Parac, K.N. Raymond, Dynamic isomerization of a
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<p>РАДОВИ САОПШТЕНИ НА МЕЂУНАРОДНИМ СКУПОВИМА</p>	<p>Више предавања на међународним конференцијама и позива за семинаре на академским институцијама. Изабрана листа предавања:</p> <p><u>Конференције у последњих 5 година (по позиву, изабрана листа):</u></p> <ul style="list-style-type: none"> • Скуп Српског хемијског друштва (Крагујевац, Србија, јун 2016) • Међународна конференција о фундаменталним и примењеним аспектима физичке хемије (Београд, септембар 2016) • Међународна конференција о ф-елементима, (Оксфорд, Енглеска,септембар 2015) • Међународни хемијски конгрес пацифичких друштава (Хонолулу, децембар 2015) • Међународна конференција о кластерима металних оксида (Мафлиерс, Француска, јул 2015) • Међународна конференција о координационој хемији (Брест, Француска, јул 2016) • Међународна конференција о кластерима металних оксида (Њукастл, Енглеска, јул 2016) • Симпозијум о хемијским достигнућима у молекуларној дијагностици и катализи (Хонг Конг, новембар 2016) • Азијска конференција о координационој хемији, (Мелбурн, јул 2017),

	<ul style="list-style-type: none"> • Међународна конференција о кластерима металних оксида (Чангчун, Кина, август 2017) • Национални скуп Америчког хемијског друштва (Бостон, август 2018), • Међународна конференција о ф-елементима (Лозана, септембар 2018) • Међународна конференција о примењеној бионеорганској хемији (Нара, Јапан, јун 2018) • Међународна конференција о координационој хемији (Сендаи, Јапан, август 2018) • Међународна конференција о кластерима металних оксида (Корвалис, САД, август 2019) • Азијска конференција о бионеорганској хемији (Кобе, Јапан, децембар 2022) • Међународна конференција о координационој хемији (Римини, Италија, август 2022) • Међународна конференција о координационој хемији (Форт Колинс, Америка, август 2024)
РЕЗУЛТАТИ У РАЗВОЈУ ОБРАЗОВНО-НАУЧНЕ ОБЛАСТИ	<p>Професор Татјана Парац-Вогт је данас један од водећих истраживача и универзитетских професора у свету у области бионеорганске хемије. На престижном Католичком универзитету у Лувену, који се убраја међу 50 најбољих универзитета на свету по <i>Times Higher Education</i> листи и проглашен је најиновативнијим универзитетом у Европи неколико година заредом, је редовни професор и шеф катедре за бионеорганску хемију, а такође и руководилац групе за бионеорганску хемију. Своју истраживачку област је потпуно самостално изградила, а истовремено је успоставила велики број плодних сарадњи на</p>

		националном и међународном нивоу. Током протеклих 15 година додељено јој је више од 10 милиона евра средстава за истраживање. У својој досадашњој каријери била је руководилац 32 докторских пројекта. Пет њених бивших сарадника су добили академске позиције на различитим универзитетима по свету. Тренутно је ментор 10 докторских дисертација и већина докторанада је стекла престижне докторске стипендије из области хемије, биохемије, и наноматеријала, што доприноси интердисциплинарној природи њених истраживања.
	ЦИТИРАНОСТ НАУЧНИХ РЕЗУЛТАТА	Према бази података Scopus, радови проф. Парац-Вогт су на дан 22. 08. 2024. цитирани 8247 пута (Хиршов индекс 48) и 6453 пута без аутоцитатата (Хиршов индекс 39).
МЕЂУНАРОДНА РЕПУТАЦИЈА	ГЛАВНИ УРЕДНИК И ОСНИВАЧ МЕЂУНАРОДНОГ ЧАСОПИСА	
	ПРЕДСЕДАВАЊЕ СЕКЦИЈАМА НА МЕЂУНАРОДНИМ НАУЧНИМ КОНФЕРЕНЦИЈАМА	Међународна конференција о ф-елементима (Лозана, септембар 2018) Међународна конференција о координационој хемији (Форт Колинс, Америка, август 2024)
	УРЕДНИК МЕЂУНАРОДНОГ ЧАСОПИСА	<i>Frontiers in Chemistry</i> (гостујући уредник): “Advances in the Development of Artificial Metalloenzymes” <i>Frontiers in Chemistry</i> (гостујући уредник): “Polyoxometalates in Catalysis, Biology, Energy and Materials Science” <i>Chemical Society Reviews</i> (гостујући уредник) “Mechanically Interlocked Materials” <i>Inorganics</i> (гостујући уредник): Special collection “Women in Science”
	ЧЛАНСТВО У УРЕЂИВАЧКИМ	Editorial board member of Chemical Society Reviews (flagship journal of the Royal

	ОДБОРИМА МЕЂУНАРОДНИХ ЧАСОПИСА	Society of Chemistry, UK) <i>Editorial Advisory board member of Inorganic Chemistry (American Chemical Society)</i> Board member of <i>Inorganics</i> Board member of <i>Chemie Nouvelle</i>
	АУТОР КЊИГЕ ИЛИ МОНОГРАФИЈЕ	K. Stroobants, G. Absillis, T.N. Parac-Vogt, Polyoxometalate reactivity toward biomolecules and their model systems, in: Trends in Polyoxometalates Research, 2015, pp. 171-218. Nova Science Publishers, Поглавље у књизи
НАПОМЕНА	<p>Одабрани Пројекти (тотална вредност укупних пројеката > 10 милиона EUR)</p> <p>An innovative analytical platform to investigate the effect and toxicity of micro and nano plastics combined with environmental contaminants on the risk of allergic disease in preclinical and clinical (Imptox), Европска комисија (H2020 програм)</p> <p>Twining of research activities for the frontier research in the fields of food, nutrition and environmental ‘omics , (FoodEnTwin), Европска комисија, (H2020 програм)</p> <p>High-throughput-high sensitivity automated multinuclear 600 MHz NMR platform, Научни Фонд Фландрије (ФВО), Белгија</p> <p>Serbian Science and Diaspora Collaboration program: <i>In vitro</i> and <i>in vivo</i> evaluation of novel polyoxometalate based contrast agents for micro computed tomography (POMCACT)</p> <p>Zirconium(IV) containing metal organic frameworks as a novel class of artificial proteases: molecular interaction studies, ФВО, Белгија</p> <p>Polyoxometalates as tunable catalysts for selective oxidative modifications of proteins, КУ Лувен Белгија</p>	

	Metal-oxo clusters as a new generation of artificial enzymes: where experiment meets theory; КУ Лувен Белгија
	Synthetic platform for the controlled incorporation of multiple polyoxometalates into discrete hybrid structures, ФВО, Белгија
	Nano-hybrid materials based on metal-organic frameworks as artificial enzymes for proteomics applications, ФВО, Белгија
	Development of polyoxometalates as building blocks for the formation of supramolecular assemblies with biomolecules, КУ Лувен Белгија
	Integrated structural investigation of amphiphilic assemblies based on polyoxometalates as artificial proteases for membrane proteins in surfactant solutions, ФВО, Белгија
	Development of polyoxometalates as artificial enzymes for the selective hydrolysis of membrane- and glyco –proteins, ФВО, Белгија
	Exploration of complexes between polyoxometalates and natural and <i>de novo</i> proteins, ФВО, Белгија
	Insight into the selectivity of metal-substituted polyoxometalates as a novel class of artificial proteases: combined experimental and theoretical approach, ФВО, Белгија
	Spectrometer for the combined steady-state and phosphorescence life-time measurements, КУ Лувен Белгија
	400 MHz liquid-state NMR spectrometer , FWO-Flanders (Hercules)

ФВО, Белгија

Development of quantitative methods for following the degradation of burned-in residue proteins, Хенкел АГ & Компанија, Немачка

Награде и признања:

- IUPAC 2023 Distinguished Women in Chemistry or Chemical Engineering Award
- Chemistry Europe Fellow (највише признање које даје Европска асоцијација хемијских друштава (EUCHEMС) која има 78 000 чланова.
- Fellow of the Royal Society of Chemistry
- Члан Академија Нет-а, глобалног портала изузетних научница, од 2016 године
- Гостујући професор, Ecole Normal Superiore, Париз 2024-2025
- Гостујући професор, Федерални Универзитет Санта Катарина, Бразил, 2024
- Гостујући професор, Мелбурн Универзитет, Аустралија 2023
- Гостујући професор, Монаш Универзитет, Аустралија 2023
- члан ERC (Euroepan Research Council) панела, од 2021
- члан SNSF (Swiss National Science Foundation) панела, од 2022
- члан IUf (Institut Universitaire de France) панела, од 2021
- Председник FWO (Research Foundation Flanders) комисије 2016-2018
- Члан панела у разним H2020 и Horizon Europe комисијама (PATHFINDER OPEN, FET-OPEN, MSCA-IF)
- Члан Управног одбора "Committee of the Bulletin University Foundation", асоцијације две белгијска хемијска друштва од 2008
- Потпредседница Европског друштва за лантаниде и актиниде (EPEC), од 2015
- Председница удружења БeViSe (Белгијске Жене у науци), 2012-2016
- БОФ (Специјални истраживачки фонд) професура, КУ Леувен, 2008-2018
- Гостујући професор, Универзитет Ки Нихон Вијетнам, 2015

- Гостујући професор Универзитет КанТхо, Вијетнам, 2020
- Постдокторска стипендија истраживачке фондације Фландерс (ФВО), 2004-2008
- Стипендија Александар вон Хумболдт, 1998-2000
- Награда за изврсност у истраживању Универзитета у држави Ајова, 1997
- Стипендија за компанију Дов Хемикал Компанија, 1995-1996
- Награда за изврсност у истраживању, Међународни институт за драгоцене метале, 1995
- Награда за изврсност у истраживању, Фармацеутска компанија ИЦН Галеника, 1992
- Награда за најбољи академски успех Српског хемијског друштва, 1991
- Стипендија Немачке службе за академску размену (ДААД), 1991

Патенти:

“Non-Enzymatic Removal Of Proteinaceous Soils” (No. 2018P35121US)