

University of Belgrade – Faculty of Agriculture
Innovative Centre Faculty of Chemistry Belgrade Ltd.

MSCA Staff Exchanges 2023 Workshop

Metal complexes of a naturally inspired framework functionalized for cytotoxic and catalytic efficiency

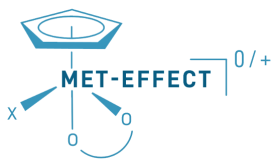


MET-EFFECT

December 12, 2023
Belgrade, Serbia



Funded by the
European Union



Let's meet!



2023 Feels like I just started growing

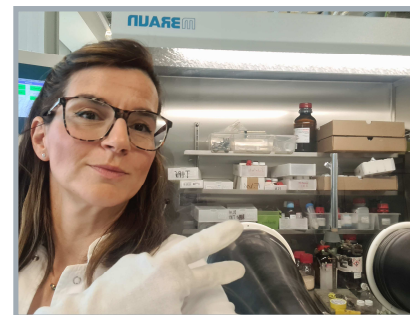
2015-2016 Post-doc: UNI-GRAZ

2014 Ph. D.: Faculty of Chemistry, University of Belgrade

2012-2013 Ph. D. mobility: UNI GRAZ (Erasmus Mundus)

2009 M. Sc.: Faculty of Physical Chemistry, University of Belgrade

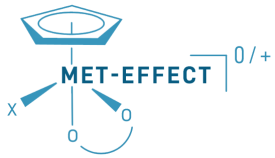
2008 B. Sc.: Faculty of Physical Chemistry, University of Belgrade



Funded by the
European Union



Personal goal: to develop scientific interests **in parallel** to innovations!



Project background



Funded by the European Union



Primary interests developed in 2018

EUTA 5-day training (European Training Agency)



RATKO BOJOVIC



PROF. DR STEVE QUARRIE



PROF. DR GORAN STOJANOVIC



PROF. DR VESNA MANDIC

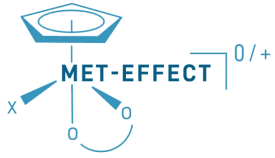


MSC GORDANA VLAHOVIC



MSC MARIJA SOLA SPASIC





Why MSCA Staff Exchange?



Funded by the
European Union



focus on academia-industry collaboration



attempting budgets & easy to handle Unit Grant Cost scheme



traveling possibilities



establishing new collaborations & international visibility



advantage of Innovative Centre Faculty of Chemistry Belgrade as Ltd.



**Project
Coordinator**



dr Ljiljana Mihajlović-Lalić
Scientific Associate



**National
Coordinator**



Jörg Schachner
Ass. Prof., Ph. D.



**National
Coordinator**



Hristina Hristova
Chem. Eng.
director



**National
Coordinator**



Maria João G. Ferreira
Senior Researcher, Ph. D.



**National
Coordinator**



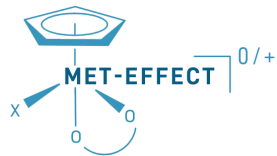
Monica Trif
Project Manager, Ph. D.



**National
Coordinator**



Sanjay Gupta
Profesor, Ph.D.



Meet the Team!



Company/
Coordinator



Innovative Centre Faculty of
Chemistry Belgrade Ltd.



Academic
partner



University of Graz



Company/
Partner



VenusRoses
Labsolutions Ltd.



Academic
partner



The Association of Instituto
Superior Técnico for R & D



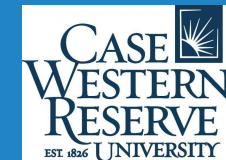
Company/
Partner



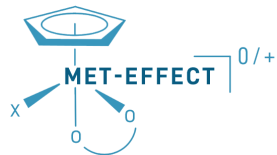
Centiv GmbH



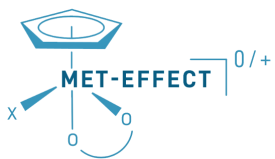
Academic
Partner



CWRU



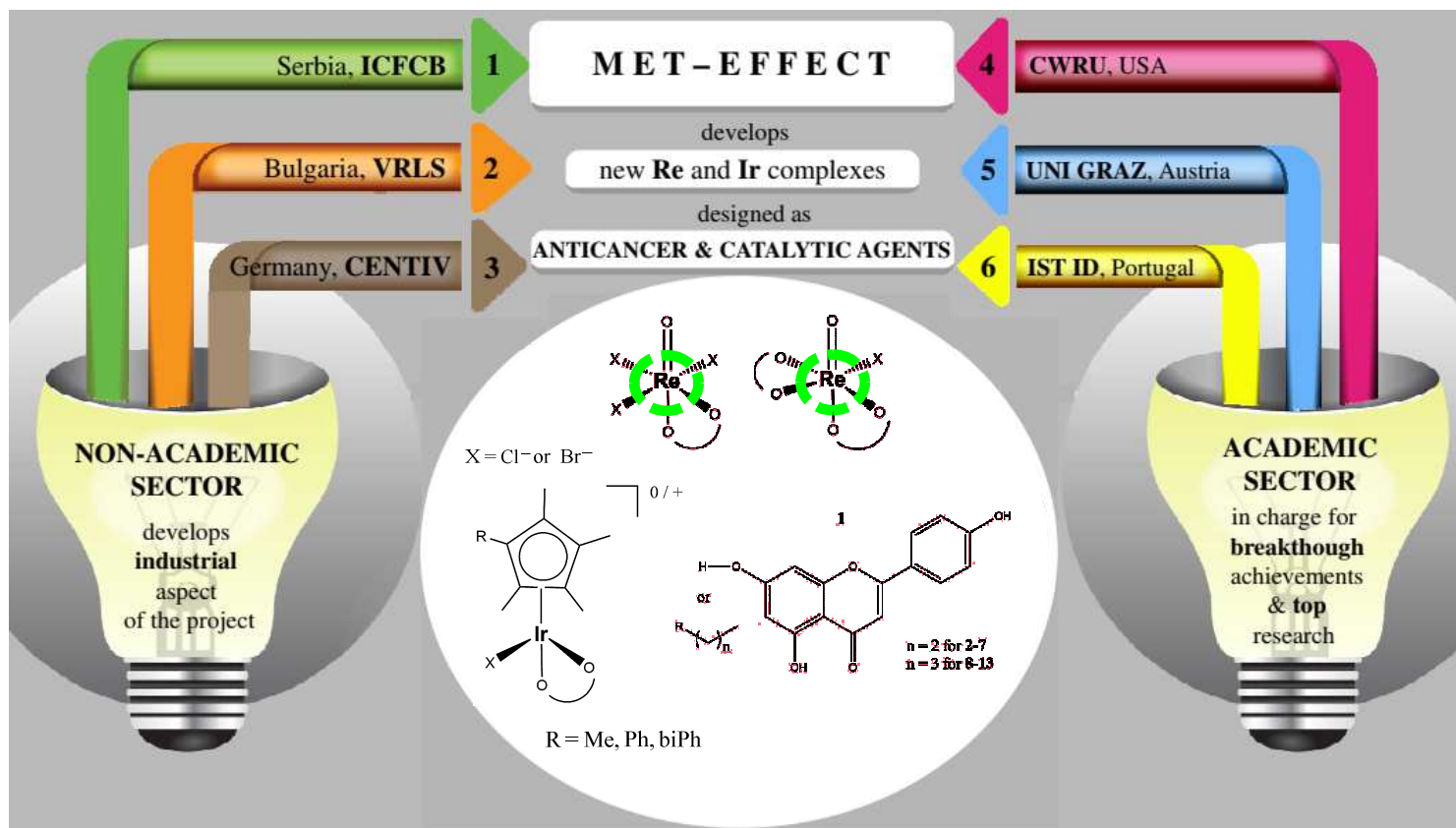
Meet the Team!

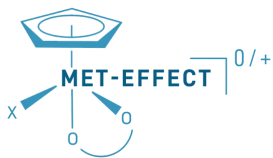


Project core



Funded by the European Union

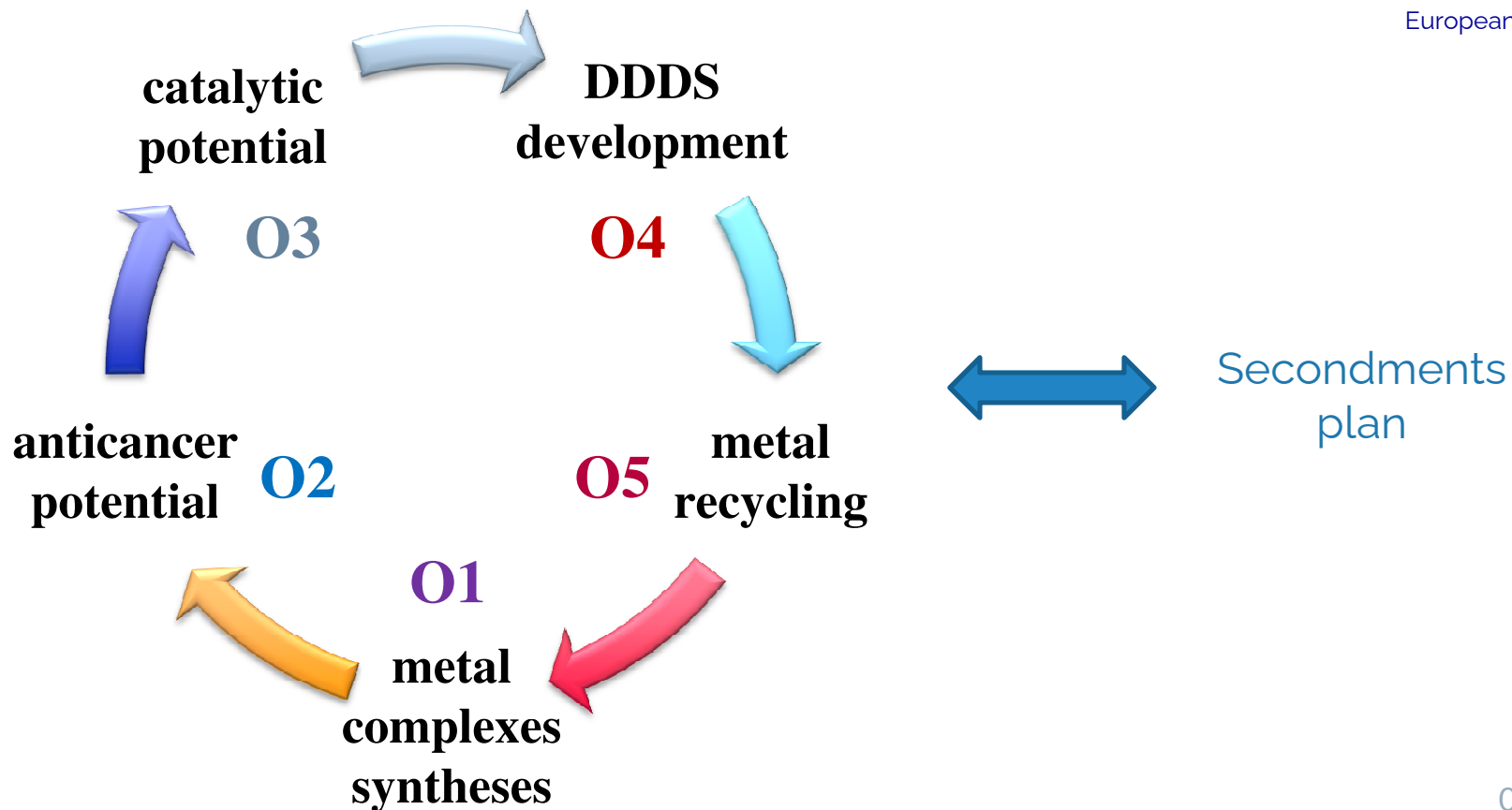


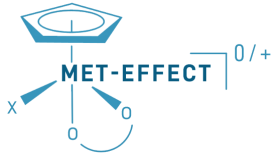


Project objectives



Funded by the European Union

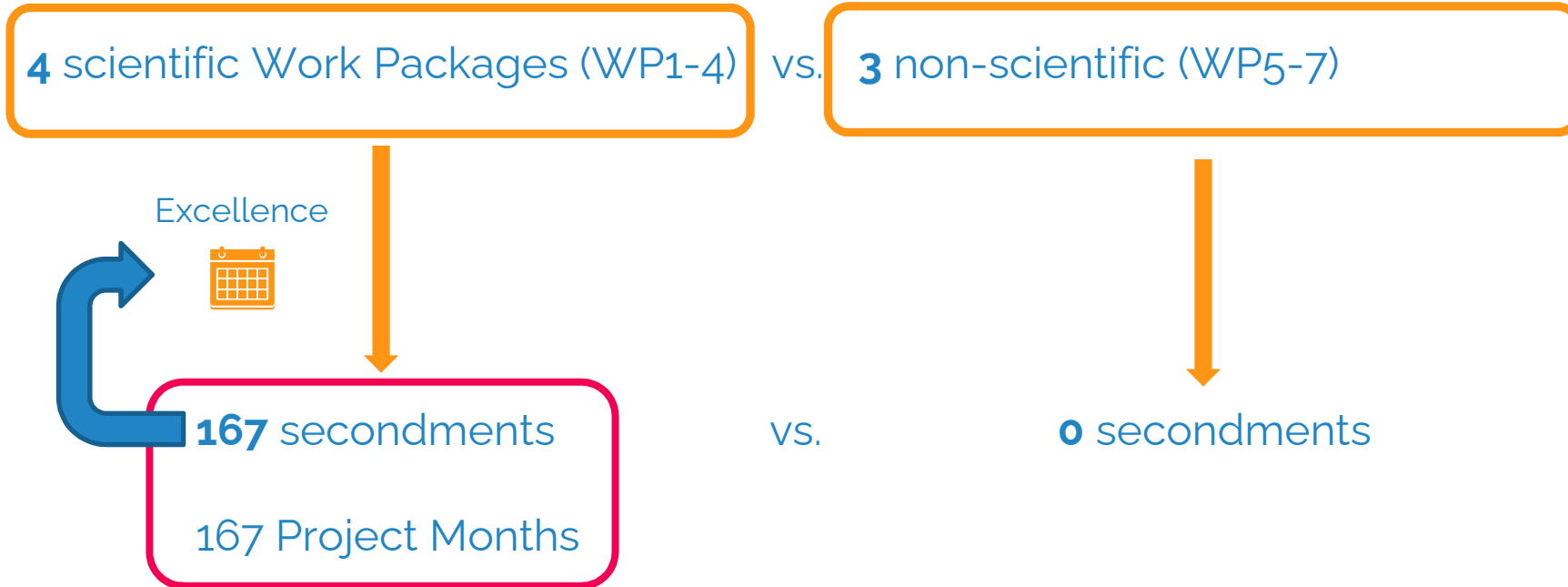




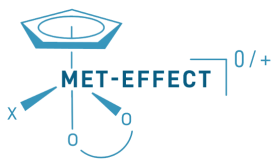
Project structure



Funded by the European Union



Secondment table as a unique Work Plan!

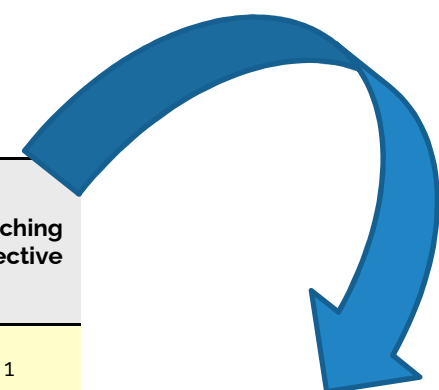


The budget



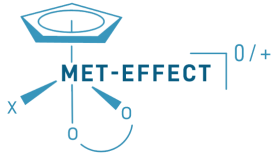
Funded by the European Union

SEC N°	From	To	Starting month	PM duration	SEC purpose; result	Related to Task	Reaching objective
1	CENTIV	UNI GRAZ	2	6	Optimization and establishment of synthetic protocols for chemically pure ligands 2-7	1.1.	1
2	VRLS	UNI GRAZ	2	6	Optimization and establishment of synthetic protocols for chemically pure ligands 8-13	1.1.	1
3	ICFCB	UNI GRAZ	7	3	Uniforming synthetic routes for ligands 2-13, testing stability and solubility; established protocols	1.1.	1
4	CENTIV	UNI GRAZ	10	1	Uniforming synthetic routes for ligands 2-13, testing stability and solubility; established protocols	1.1.	1
5	ICFCB	UNI GRAZ	6	12	Optimization and establishment of synthetic and recycling protocols for chemically pure Re complexes; protocol maintenance	1.2.	1 & 5
6	UNI GRAZ	ICFCB	17	1	Uniforming synthetic routes, testing stability and solubility for Re complexes; established protocols	1.2.	1



Inserting SEC per SEC during the submission, you obtain





The budget

SECONDMENT

PAYMENT

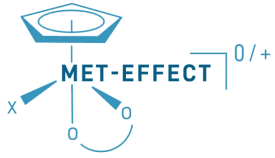


Funded by the European Union

Staff effort per participant (Person Months – PM)

Participant	WP1	WP2	WP3	WP4	WP5	WP6	WP7	Total PM
ICFCB	15	12	9	1				37
VENUS	18	17	12	-				47 !
CENTIV	8	7	6	6				27
UNI GRAZ	1	6	7	13				27
IST-ID	1	6	6	15				28
CWRU	-	1	-	-				
Total PM	43	49	40	35				167





Funded by the European Union

e.g. UNI GRAZ

27 secondments/PM

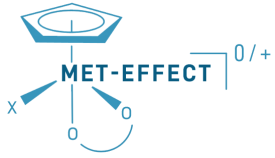
$27 \cdot 4.600 \text{ €} = \mathbf{124.200 \text{ €}}$



strictly and only for
UNI GRAZ staff
traveling to the
partner institution!!!

research, training, networking

management and
indirect costs



Generating Consortium



Funded by the European Union



So many different ways



DRAFT

or



PITCH your idea to partners



If possible, answer ALL demands from the Proposal Evaluation Form

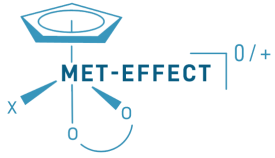


BASF experience

vs.



Portal experience



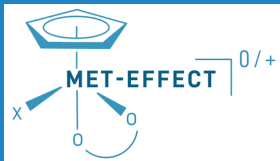
Generating Consortium



Funded by the
European Union



Always keep good company!



Following the examples of a good practice



Funded by the
European Union



**Prof. dr Sanja
Vraneš**

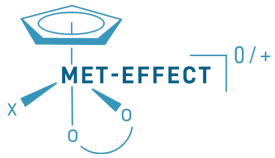


**Prof. dr Goran
Stojanović**



**Gordana
Vlahović**

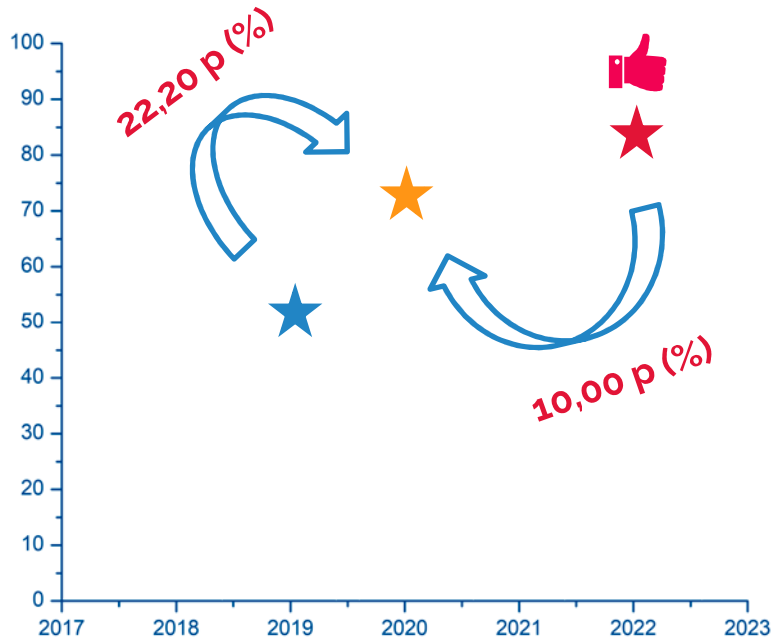
Inform national NCP, ask for advise/ help



My pathway to the granted Horizon

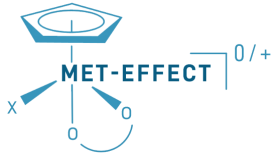


Funded by the European Union



PoC & EU4Tech PoC

other project applications:
Twinning, Promis, Ideje, Prisma



Project submission



Funded by the
European Union



FAQ section



Ask your partners to be available



Might take few hours

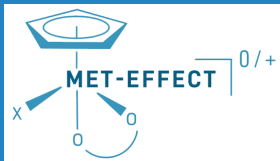


Last day as a bad idea, Letters of Commitment (POR)



Poorly generated PDF



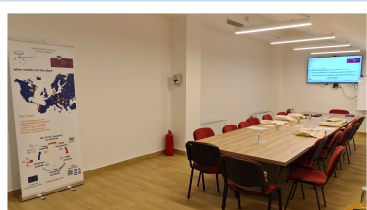


The kick-off meeting

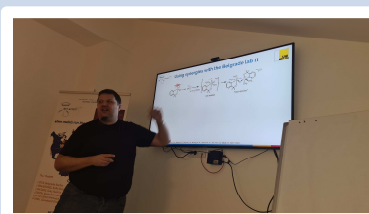


Funded by the European Union

Constructive



Fruitful



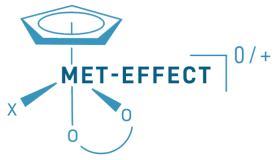
Pleasant



January 16-17th, 2023

Our first live gathering!

Belgrade, Serbia



Pos↑itive impact of MET-EFFECT



Funded by the
European Union



Innovation voucher



Jörg's granted FWF



1st Horizon at the Department of Inorganic Chemistry, UNI-GRAZ

National post-doc scholarship for dr Marijana Živković



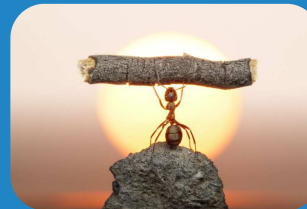
Hiring new Ph.D. student



PoC application






I did it my way...



Thank You For Your Attention!

Any questions?

You can find us at:

-  <https://met-effect.com/>
-  <http://chem.bg.ac.rs/ichf/index-en.html>
-  ljiljanam@chem.bg.ac.rs



Funded by the
European Union