

Synergy between fellows and supervisors – an example of practices and benefits from our laboratory

Maria Górna & Krzysztof Woźniak

MSCA Postdoctoral Fellowships: how to attract talents? 2024/02/28



My mobility history



UNIVERSITY
OF WARSAW

PI 2015 – now
(**Student** 2001 – 2006)



H2020 MSCA Individual
Fellowship 2015 - 2017



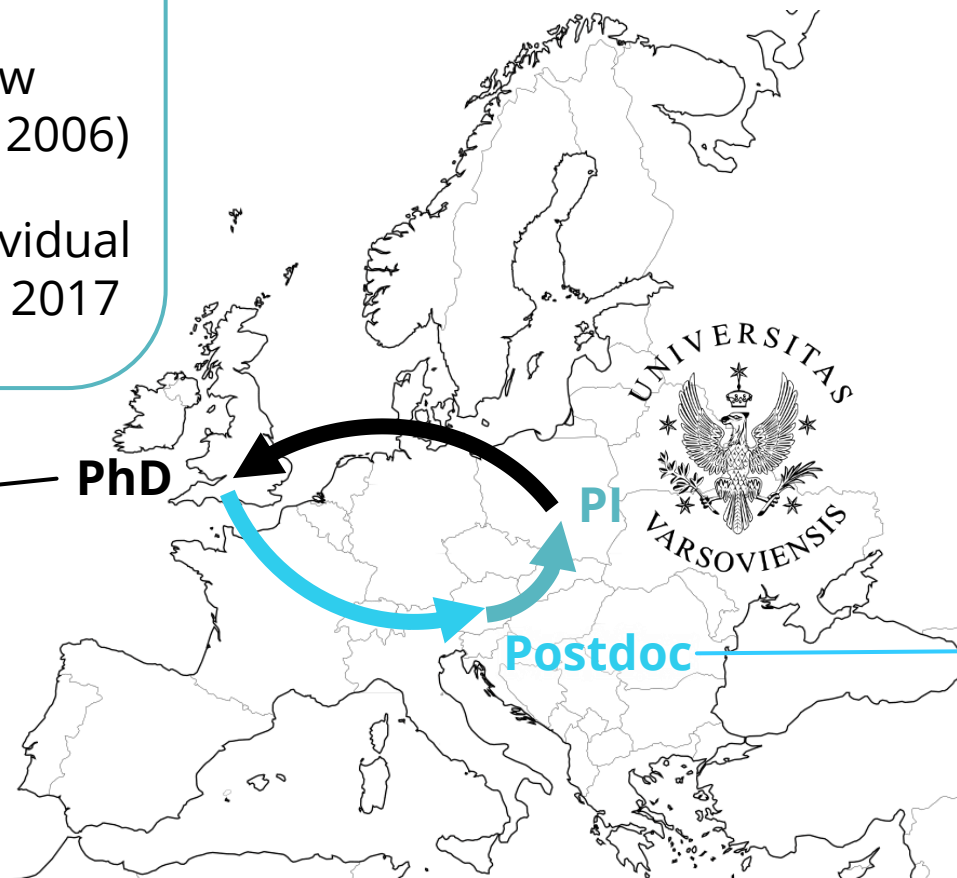
UNIVERSITY OF
CAMBRIDGE

PhD 2009 - 2010



MARIE CURIE ACTIONS

ChemBioCam RTN, EU FP6



Ce-M-M-

Research Center for Molecular Medicine
of the Austrian Academy of Sciences

Postdoc 2010 - 2015



European Research Council
Established by the European Commission

ERC AdG i-FIVE to G.S.-F.

MSCA IF – reserve list (B)

How did I become a fellow and then a PI?



2013 a phone call from Krzysztof Woźniak: new centres opening at UW – too early for me...

IV 2014 invited by KW to speak at a conference at the newly opened CNBCh UW

V 2014 decision to come back to structural biology and Poland – looking for research topics

V 2014 -... writing proposals, arranging collaborators. **Krzysztof Woźniak = future supervisor**

IX 2014 won Adiunkt job at the Department of Chemistry

II 2015 **MSCA-IF** – good news! Complementary setting: a biologist at the chemistry department

II 2015 leave CeMM

...

IV 2015 start working at UW

more good news in 2015:

- ⌘ SONATA grant, National Science Centre, Poland
- ⌘ LIDER grant, National Centre for Research and Development, Poland
- ⌘ EMBO Installation Grant

...and this was only the beginning





Ochota campus

LBS BIO = host environment



Prof. Krzysztof
Woźniak



Prof. Paulina
Dominiak

**Chemistry
Department**

**Biology
collaborators**



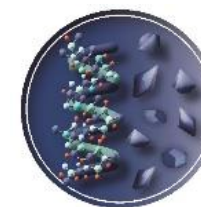
collaborators



(Glacios cryoEM)

Our second core facility

= host space

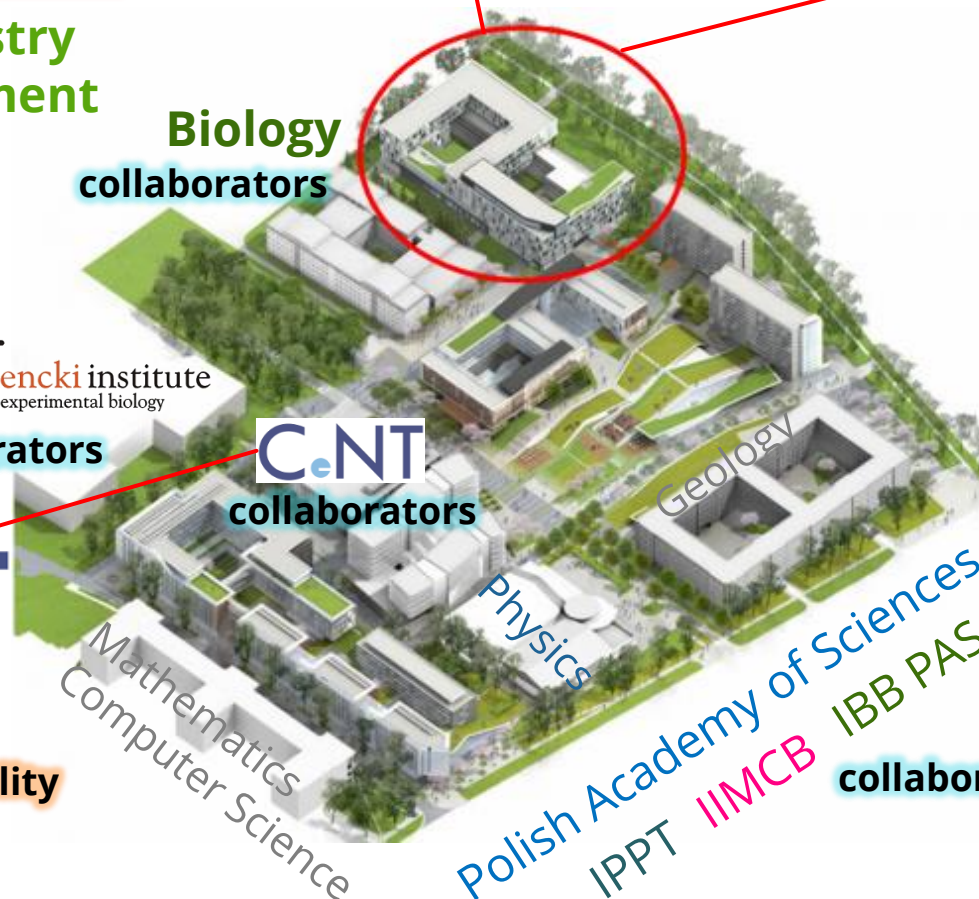


CORE FACILITY FOR
CRYSTALLOGRAPHY
AND BIOPHYSICS

Our first core facility

WPD
Pharmaceuticals
molecule

Industry collaborators



**CeNT
collaborators**

Geology

Physics

**Mathematics
Computer Science**

**Polish Academy of Sciences
IPPT IIMCB IBB PAS**

collaborators

Co-PI

**(H2020 Widening Fellowship
2021-2023)**



Supervision structure



Crystallography, methods development
Chemistry & computational



Structural biology, proteins, RNA metabolism
Wet-lab biology & biochemistry

(& several other
junior PIs with their
group members)



Prof. Paulina
Dominiak



Prof. Krzysztof
Woźniak



Dr Maria
Górna

3-6 team
members

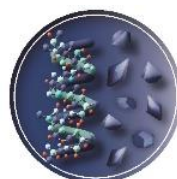
17 publications
2 patent applications
since 2015



Dr Katarzyna
Bandyra

1-5 team
members

4 publications
since 2021



CORE FACILITY FOR
CRYSTALLOGRAPHY
AND BIOPHYSICS

2 joint publications:

Budniak UA, Karolak NK, Kulik M, Młynarczyk K, **Górna MW, Dominiak PM** (2022). *J Phys Chem B*. 126(45):9152-9167.

Kutner J, Shabalin IG, Matelska D, Handing KB, Gasiorowska O, Sroka P, **Górna MW, Ginalski K, Woźniak K, Minor W** (2018). *Biochemistry* 57(6):963-77.

Funding aquired 2015-2024 total ~7M EUR



H2020 ~**0.4M EUR**
Individual Fellowship to MG
Widening Fellowship to KB



Ministry of Science
and Higher Education

Republic of Poland

57K EUR*
Premia na Horyzoncie x 2

***20% top up** for MSCA IF, WF – for salaries only, also
for the supervisor, administration or team members!



Installation Grant to MG ~**0.55M EUR**
Installation Grant to KB
Small Grants to MG



The National Centre
for Research and Development



~**0.3M EUR**
LIDER to MG
UOTT x 2 to MG



IDUB Excellence initiative research university
Infrastructure for core facility to KW ~**1.2M EUR**
COVID-19 minigrant to MG



NATIONAL SCIENCE CENTRE
POLAND

~**3M EUR**

SONATA to MG
SONATA to KB
OPUS to MG
SONATA BIS to KB ← 2023 <7% success rate!
WEAVE trilateral (DFG | GAČR) to MG
PRELUDIUM to (MG team)
MINIATURA to (MG team)
POLS (EEA | Norway Grants) to KB
5M PLN = ~1.15 M EUR



Foundation for
Polish Science

European Union
European Regional
Development Fund



European
Funds
Smart Growth



Republic
of Poland

~**1.3M EUR**

FIRST TEAM to MG
TEAM TECH Core Facility to KW

+ FIRST TEAM to KB?
+ WEAVE bilateral (FWF) to MG? (pending)

Awards & recognition



Ministry of Science and Higher Education
Republic of Poland
Ministry scholarship for outstanding young scientists - MG



Young Academy of Europe
Member - MG

L'Oreal Poland Women in Science to MG, KB

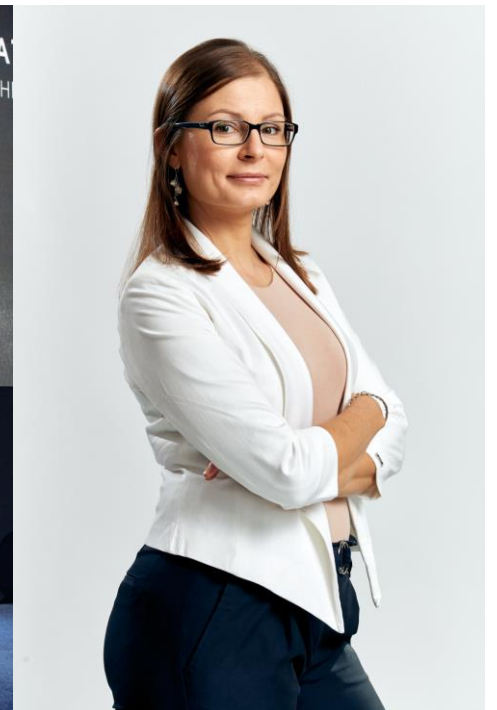


MCAA Board Member - MG



Fulbright STEM Impact
Award to MG

Kobiety Forbes Women 2021
list - MG



Benefits from a MSCA Fellow(ship)



THE BEST YEARS OF YOUR LIFE

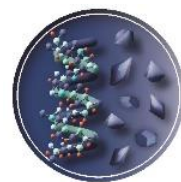


WWW.PHDCOMICS.COM

- ⌘ Excellent science, high energy
- ⌘ High impact from integration
- ⌘ Additional funding acquisition
- ⌘ Attracting additional fellows
- ⌘ Training other researchers
- ⌘ Complementary contribution
- ⌘ New collaborations, internationally

Requirements for attracting fellows

- ⌘ Attractive salary (MSCA PF is great!)
- ⌘ A degree of independence
- ⌘ A career growth opportunity
- ⌘ Favourable environment conditions



Prof. Krzysztof
Woźniak

