

## Prof. Jacek Mlynarski

date of birth: 16/08/1971

nationality: Polish

e-mail: [jacek.mlynarski@gmail.com](mailto:jacek.mlynarski@gmail.com)

[jacek.mlynarski@icho.edu.pl](mailto:jacek.mlynarski@icho.edu.pl)

### affiliations

Institute of Organic Chemistry  
Polish Academy of Sciences  
Warsaw, Poland  
**Research Director**

### education

- 1995 M.Sc. Jagiellonian University in Krakow  
2000 Ph.D. Institute of Organic Chemistry, Polish Academy of Sciences, Warsaw, under supervisor of prof. Anna Banaszek (New approaches to the synthesis of 3-deoxy-2-ulosonic acids and their analogues)  
2006 Habilitation, Institute of Organic Chemistry, Polish Academy of Sciences (Asymmetric aldol reaction: aldol-Tishchenko reaction and Mukaiyama reaction in aqueous solvents)

### professional experience

- 1995-1996** Research associate, Institute of Organic Chemistry, Polish Academy of Sciences, Warsaw  
1996-2000 Ph.D. study, Institute of Organic Chemistry, Polish Academy of Sciences, Warsaw  
**2001-2002** Post doc at the Max Planck Institute für Kohlenforschung, Mülheim a.d. Ruhr (prof. Alois Fürstner) Alexander von Humboldt Foundation scholarship for research in Germany  
**2002 - 2007** Work towards the Habilitation (independent research at the Institute of Organic Chemistry, Polish Academy of Sciences)  
**January 2008** Assoc. Prof. and group leader at the Institute of Organic Chemistry, Polish Academy of Sciences (Full Prof. from January 2013)  
**2008-2019** Professor and group leader at the Jagiellonian University in Krakow  
**July 2018-** Research Director at the Institute of Organic Chemistry, Polish Academy of Sciences, Poland

## awards

- 2000 First class honored Ph.D. Institute of Organic Chemistry, Polish Academy of Sciences
- 2000 Foundation for Polish Science Award for Young Scientists START
- 2001 Polish Prime Minister's Award for Ph.D. Thesis
- 2001 Alexander von Humboldt Foundation scholarship for research in Germany
- 2003 Research Fellowship from Alexander von Humboldt Foundation
- 2007 Włodzimierz Kołos Award of Polish Academy of Sciences
- 2008 Foundation for Polish Science MPD grant
- 2009 Foundation for Polish Science TEAM grant
- 2015 Jagiellonian University Rector Award for Outstanding Scientific Results
- 2017 Foundation for Polish Science TEAM grant
- 2020 Institute of Organic Chemistry Director Award for Scientific Activity
- 2020 Award of Ministry of Science and Education for Outstanding Scientific Results

**7 research grants from National Science Centre (6 NCN OPUS and NCN MEASTRO)**

**3 research grants from Foundation for Polish Science (2 TEAM and MPD)**

**20 promoted PhD students, ca. 40 promoted MSc students**

**5 ongoing PhD students**

Member of panel of expert/reviewers: National Science Centre, The National Centre for Science and Development, Foundation for Polish Science, Polish National Agency for Academic Exchange (NAWA), European Research Council (ERC) and other grant agencies from EU and USA

## editorial board members

Associate Editor - Member of the Board of Editors of "Monatshefte für Chemie - Chemical Monthly" (2008-2012)

**International Advisory Board Member of European Journal of Organic Chemistry (since 2017)**

Member of the Editorial Board of Referees of "ARKIVOC" (since 2008)

## visiting professor

Université d'Orleans, Orlean (France) including university lectures for students  
Tokyo University of Science (Japan)

## cooperative projects with leading Polish Pharmaceutical companies

Polpharma  
Selvita  
Adamed

## patent

PL 231016B1

PL 236522

3 patent applications

**Scientific Advisory Board Member**



of Polpharma the biggest Polish Pharmaceutical company since 2015

## lectures on invitation

more than 30 invitations from important scientific institutions from Poland, Germany, USA, Japan, Hungary, Slovakia...

most important:

Karlsruhe Institute of Technology (2019)

University of Strasbourg & CNRS (2019)

Polish-German and Polish-Korean Conferences on Organic Chemistry 2018, 2016, 2015...

28th International Symposium on Chiral Discrimination (Chirality 2016) Germany

EMN Meeting on Organocatalysis (Kona, USA) 2016

3rd International Symposium on the Soai Reaction and Related Topic (Hungary) 2015

University Hamburg, Department of Organic Chemistry (Germany) 2015 (Prof. Joahim Thiem)

Summer School of Synthetic Chemistry in Turku, (Finland) 2012

8th Symposium on Chemical Approach to Chirality, Tokyo (Japan) 2010 (Prof. Kenso Soai)

The University of Tokyo, Tokyo (Japan) 2010 (Prof. Shu Kobayashi)

Université d'Orleans, Orlean (France) 2010 (prof. Olivier Martin)

Max-Planck-Institut für Kohlenforschung, Mülheim a.d. Ruhr (Germany) 2007 (Prof. Ben List)

Humboldt Universität zu Berlin, Berlin (Germany) 2007

Gottfried Wilhelm Leibniz University of Hanover, Hanover (Germany) 2007

University of Houston, Houston (TX, USA) 2006

## papers

total number of papers with IF – 120

number of chapters on invitation – 10 including *Science of Synthesis*

total numbers of citations in Google Scholar – ca. 3560

h-index – 33

**papers in: *Nature* – 2, *Nature Synthesis* – 1, *Chem* – 1, *JACS* – 4, *JOC* – 11, *Adv. Synth. Catal.* – 15, *Chem. Soc. Rev.* – 3, *Chem. Commun.* – 2, *Angew. Chem. Int. Ed.* – 3**

Editor of Wiley book *Chiral Lewis Acids in Organic Synthesis*, 2017