Marcin Górecki, DSc, Assoc. Prof. at the Institute of Organic Chemistry, PAS

e-mail: marcin.gorecki@icho.edu.pl
phone: +48 22 343 2207

AFFILIATION

Institute of Organic Chemistry, Polish Academy of Sciences (IChO PAN) ul. Kasprzaka 44/52, 01-224 Warsaw, Poland
position: Institute Assoc. Professor, Head of the Optical Spectroscopy and X-ray Laboratories (LASB) and Research Group XIIIb

EDUCATION

2002–2007	Master's degree programme, Warsaw University of Technology, Faculty of Chemistry, field of study: Chemical Technology
2007	Master of Science in Engineering, Warsaw University of Technology, Faculty of Chemistry
2013	PhD in Chemical Sciences, Military University of Technology, Faculty of Advanced Technologies and Chemistry
2022	Habilitation (DSc) in Chemical Sciences, Institute of Organic Chemistry, Polish Academy of Sciences

FOREIGN LANGUAGES

English (C1), Italian (C1)

MEMBERSHIPS

- Member of the Committee on Chemistry of the Polish Academy of Sciences (KCh PAN), 2024–2028
- Member of the Polish National Committee for Cooperation with the International Union of Pure and Applied Chemistry (IUPAC), 2024–2028
- Member of the Jury for the Alicja Dorabialska and Józef Hurwic Award for Achievements in the Popularization of Chemistry (KCh PAN)
- Member of the Scientific Council of IChO PAN, 2023–2027
- Employee Representative at IChO PAN, 2024–2029
- Member of the Polish Chemical Society (PTChem), Warsaw Branch, Section of Organic Physical Chemistry and Section of the History of Chemistry; Secretary of the History of Chemistry Section since 2025
- Member of the PTChem Award Committee for an Outstanding Master's Thesis (2025–2028)
- Member of the Ministry of Science and Higher Education advisory team for the "Pearls of Science" programmes (2025–2027)
- Member of the evaluation panel for applications to the MOST PAN programme (2026)
- Member of the Marie Skłodowska-Curie Museum expert team for the new permanent exhibition (2025–2027)

PROFESSIONAL EXPERIENCE

since 2023	Institute Professor, IChO PAN
since 2020	Head of the Optical Spectroscopy & X-ray Laboratories and Research Group XIIIb at IChO PAN
2020–2022	Assistant Professor, IChO PAN
2007–2020	Research Assistant, IChO PAN
2019	Postdoctoral fellowship, University of Pisa, NAWA Bekker Fellowship, 12 months
2018	Research stay at the University of Pisa (July) and experiments at the Diamond Light Source synchrotron (November), United Kingdom
2016–2017	Postdoctoral fellowship, University of Pisa (Prof. L. Di Bari and Prof. G. Pescitelli's group), Ministry of Science and Higher Education Mobility Plus programme, 24 months
2008–2013	Short research visits abroad, including Eötvös Loránd University (ELTE), Budapest; visits to CD spectroscopy centres

SELECTED AWARDS AND DISTINCTIONS

2026	Minister's Award for Scientific Activity, awarded by the minister responsible for higher education and science
2024	Chemistry Europe Fellow, Class of 2022–2023; distinction awarded by Chemistry Europe
2022	Second Prize of the Wojciech Świętosławski Award (under 40 category) for outstanding scientific achievements, Warsaw Branch of PTChem
2021	Scientific Award of the Director of IChO PAN for an outstanding research record as a young scientist
2020	Scientific Award of the Director of IChO PAN for outstanding research achievements in 2020; NAWA distinction for completion of the Bekker Fellowship and additional funding for dissemination of its results
2019	Director of IChO PAN Award for outstanding scientific achievements in 2019
2017	Vanderbilt University (USA) conference fellowship to attend CD2017
2016	Outstanding Contribution in Reviewing certificate from Phytochemistry (Elsevier)
2015	Best Presentation Award, 15th International Conference on Chiroptical Spectroscopy (CD 2015), Sapporo
2014	Best Presentation Award, 4th International Conference on Vibrational Optical Activity (VOA-4), Baoding

RESEARCH GRANTS / FUNDING

2025–2030	NCN SONATA BIS; Principal Investigator
2024–2026	Ministry of Science and Higher Education research infrastructure investment for the purchase of a CPL spectrometer
2020–2024	NCN SONATA; Principal Investigator
2019	NAWA Bekker Fellowship; Principal Investigator
2016–2017	Ministry of Science and Higher Education Mobility Plus programme; Principal Investigator
2012–2015	NCN PRELUDIUM; Principal Investigator
since 2012	Computational grant awarded by the Wrocław Centre for Networking and Supercomputing (WCSS)

SELECTED PRESENTATIONS

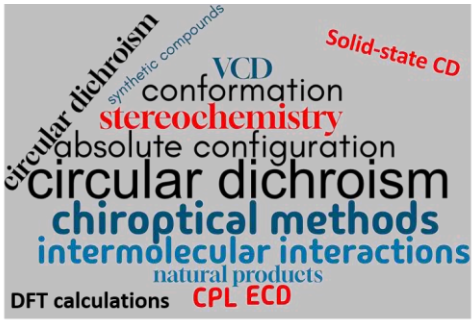
2025	*Investigating Solvatomorphism by CD Spectroscopy*, CD2025, Debrecen
2024	*Circular dichroism (CD) spectroscopy in studies of solvatomorphism of chiral APIs*, 66th Scientific Meeting of PTChem, Poznań
2023	*Circular dichroism for exploring polymorphs of APIs*, CHIRALITY2023, Rome
2023	*Solid-State Circular Dichroism as a Tool For Supporting the Development of Drug Design*, CD20219, Hiroshima
2022	*Chiroptical methods in the analysis of biologically active compounds*, Polpharma, Starogard Gdański
2022	*Circular dichroism (CD) versus the stereochemistry of biologically active compounds*, University of Białystok
2022	*Circular dichroism imaging (CDi) for probing chiral solids*, COST Chemobrionics, Pisa
2021	*A holistic approach to chiroptical methods and techniques*, 63rd Scientific Meeting of PTChem, Łódź
2018	*Vibrational Circular Dichroism as a tool for sensing chiral molecules in solution and solid-state*, Jagiellonian University, Kraków
2018	*Absorption and emission chiroptical methods in the design of optoelectronic devices*, IChO PAN
2017	*Circular Dichroism Imaging (CDi) for Mapping Molecular Organization of Chiral Functional Polymers*, CD2017, Rennes
2016	*Circular dichroism as an assistant for solving structural problems in solution and solid-state*, University of Pisa
2015	*Circular dichroism in studies of polymorphism of chiral APIs*, University of Białystok
2014	*Circular dichroism in pharmaceutical analysis*, Celon Pharma, Łomianki
2014	*Distinguishing Between Polymorphic Forms of Chiral Active Pharmaceutical Ingredients by Solid-State CD*, Dubai
2013	*Simultaneous use of several chiroptical methods in confident molecular structure elucidation*, ELTE, Budapest
2013	*Structure determination of bioactive compounds by simultaneous application of multiple chiroptical methods*, CD2013, Nashville
2010	*CD and related measuring techniques including ORD: Possibilities of measuring solid-state samples*, JASCO, Budapest

PUBLICATIONS

ORCID: https://orcid.org/0000-0001-7472-3875

Total scientific publications: 100; total citations: over 2000; H-index: 25

Main research interests: chiroptical methods in structural analysis, ECD, NIR-CD, VCD, CPL, electronic circular dichroism imaging (ECDi), stereochemical analysis, determination of the absolute configuration of natural and synthetic compounds, polymorphism and solvatomorphism of active pharmaceutical ingredients (APIs).



POPULARIZATION OF SCIENCE

2025–2026	Series of outdoor exhibitions in Poland, Italy and France entitled *Marie Skłodowska-Curie in Italy: Three Journeys, One Passion*, co-organized with the PAS Scientific Centre in Rome; concept development, historical research, script preparation, organization and promotion
2026	Book *Committee on Chemistry of the Polish Academy of Sciences 1954–2024: History*; scientific editor; concept, archival research, organization and preparation
2024	Article *Italian Journeys of Marie Skłodowska-Curie*, Wiadomości Chemiczne, 2024, 78, issues 11–12. DOI
2024	Article *La visita di Maria Skłodowska-Curie in Italia del 1918*, Il Piccolo Cimento, issue 2/2024; Article
2024	Outreach materials related to the above documentary: Chemik (cover of issue 1/2024), Gazzetta Italiana, Chemia w Szkole (issue 3/2024), the Polish Chamber of Chemical Industry and ChemistryViews.
2023	Short documentary film *Marie Skłodowska-Curie in Italy in Search of Radium* (25 min); archival research, production, scriptwriting, promotion and coordination of cooperation with institutions in Poland and Italy. Polish, Italian and English versions. PL TEN
2023	Interview entitled On Polish–Italian Scientific Cooperation and Chirality for the PAS Scientific Centre in Rome; Interview Interview
2022	Production of a film promoting the capabilities of the Laboratory for Analysis of Bioactive Substances at IChO PAN. LASB Film Films and written materials promoting the results of the Bekker Fellowship, including a film about cooperation with the University of Pisa; participation in the PAS Scientific Centre in Rome initiative 70 Interesting Stories of Polish–Italian Scientific Cooperation. Film NAWA
2021	Short popular-science film Chirality and Circular Dichroism, produced as part of the Science Festival, explaining chirality and chiroptical methods. Film
2020	Short film on the aims and research conducted during the NAWA Bekker Fellowship in Pisa. Film

Last updated: 23/10/2026