

## Publikacje ICHB PAN indeksowane w bazie Web of Science 2025

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2. **Justyna Gołębiewska-Pikuła**, Alva Abrahamsson, Erik Chorell, "Phosphate triester-based multifunctional handles for post-synthetic oligonucleotide functionalization", *Bioorganic Chemistry*, 157, art. nr 108259, 2025. [DOI: 10.1016/j.bioorg.2025.108259](https://doi.org/10.1016/j.bioorg.2025.108259)
3. **Julia Latowska-Łysiak**, **Żaneta Zarębska**, Marcin P. Sajek, Adriana Grabowska, Alessia Buratin, **Paweł Głodowicz**, **Julia O. Misiorek**, Konrad Kuczyński, Stefania Bortoluzzi, Marek Żywicki, Jan G. Kosiński, Agnieszka Rybak-Wolf, Rafał Piestrzeniewicz, Anna M. Barciszewska, **Katarzyna Rolle**, "Transcriptome-wide analysis of circRNA and RBP profiles and their molecular relevance for GBM", *Molecular Oncology*, 2025. [DOI: 10.1002/1878-0261.70005](https://doi.org/10.1002/1878-0261.70005)
4. **Natalia Szóstak**, **Michał Budnik**, **Katarzyna Tomela**, **Luiza Handschuh**, **Anna Samelak-Czajka**, Bernadeta Pietrzak, Marcin Schmidt, Mariusz Kaczmarek, Łukasz Galus, Jacek Mackiewicz, Andrzej Mackiewicz, **Piotr Kozłowski**, **Anna Philips**, "Exploring correlations between gut mycobiome and lymphocytes in melanoma patients undergoing anti-PD-1 therapy", *Cancer Immunology, Immunotherapy*, 74, art. nr 110, 2025. [DOI: 10.1007/s00262-024-03918-9](https://doi.org/10.1007/s00262-024-03918-9)
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6. Arvind Srinivasan, **Dorota Magner**, **Piotr Kozłowski**, **Anna Philips**, Arkadiusz Kajdasz, **Paweł Wojciechowski**, **Marzena Wojciechowska**, "Global dysregulation of circular RNAs in

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7. **Tomasz Mądry**, Jadwiga Gajewy, Marcin Gwit, “Dynamic Point-to-Helical and Point-to-Axial Chirality Transmission and Induction of Optical Activity in Multichromophoric Systems: Basic Principles and Relevant Applications in Chirality Sensing”, *Symmetry-Basel*, 17, art. nr 293, 2025. [DOI: 10.3390/sym17020293](https://doi.org/10.3390/sym17020293)
  8. Piotr J. Pietras, Monika Chaszczewska-Markowska, Daniel Ghete, **Agata Tyczewska**, **Kamilla Bąkowska-Żywicka**, “*Saccharomyces cerevisiae* recovery from various mild abiotic stresses: Viability, fitness, and high resolution three-dimensional morphology imaging”, *Fungal Genetics and Biology*, 178, art. nr 103975, 2025. [DOI: 10.1016/j.fgb.2025.103975](https://doi.org/10.1016/j.fgb.2025.103975)
  9. **Marta Sztachera**, **Weronika Wendlandt-Stanek**, Remigiusz A. Serwa, Luiza Stanaszek, Michał Smuszkiewicz, **Dorota Wronka**, **Monika Piwecka**, “Interrogation of RNA-bound proteome with XRNAX illuminates molecular alterations in the mouse brain affected with dysmyelination”, *Cell Reports*, 44, art. nr 115095, 2025. [DOI: 10.1016/j.celrep.2024.115095](https://doi.org/10.1016/j.celrep.2024.115095)
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  11. Aleksandra Antonczyk, Katarzyna Kluzek, Natalia Herbich, Mahdi Eskandarian Boroujeni, Bart Krist, **Dorota Wronka**, **Anna Karlik**, **Łukasz Przybył**, Adam Plewiński, Joanna Wesoly, Hans A. R. Bluysen, “Identification of ALEKSIN as a novel multi-IRF inhibitor of IRF- and STAT-mediated transcription in vascular inflammation and atherosclerosis”, *Frontiers in Pharmacology*, 15, 2025. [DOI: 10.3389/fphar.2024.1471182](https://doi.org/10.3389/fphar.2024.1471182)
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14. **Carolina Roxo**, **Anna Pasternak**, “Switching off cancer – An overview of G-quadruplex and i-motif functional role in oncogene expression”, *Bioorganic & Medicinal Chemistry Letters*, 116, art. nr 130038, 2025. [DOI: 10.1016/j.bmcl.2024.130038](https://doi.org/10.1016/j.bmcl.2024.130038)
15. **Kinga Pokrywka**, **Marta Grzechowiak**, **Joanna Śliwiak**, **Paulina Worsztynowicz**, Joanna I. Loch, **Miłosz Ruszkowski**, **Mirośław Gilski**, **Mariusz Jaskólski**, “Controlling enzyme activity by mutagenesis and metal exchange to obtain crystal structures of stable substrate complexes of Class 3 l-asparaginase”, *FEBS Journal*, 2025. [DOI: 10.1111/febs.17388](https://doi.org/10.1111/febs.17388)
16. **Aleksandra Jarmołowicz**, **Nivedita Dutta**, **Witold Andrałojć**, **Joanna Sarzyńska**, **Grzegorz Framski**, **Daniel Baranowski**, **Jerzy Boryski**, **Ansuman Lahiri**, **Zofia Gdaniec**, **Elżbieta Kierzek**, **Ryszard Kierzek**, “The oligonucleotides containing N7-regioisomer of guanosine: influence on thermodynamic properties and structure of RNA duplexes”, *RNA*, 31, 86-99, 2025. [DOI: 10.1261/rna.080106.124](https://doi.org/10.1261/rna.080106.124)