

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

1. **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)
2. Tatyana Platonova, Oleksii Hrabovskyi, Volodymyr Chernyshenko, Yevhenii Stohnii, Yevhenii Kucheriavyi, Kateryna Baidakova, Daria Korolova, **Anna Urbanowicz**, Serhiy Komisarenko, “Alternative Role of B/b Knob–Hole Interactions in the Fibrin Assembly”, *Biochemistry*, 2025. [DOI: 10.1021/acs.biochem.4c00695](https://doi.org/10.1021/acs.biochem.4c00695)
3. 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)
4. Nivedita Dutta, Indrajit Deb, **Joanna Sarzyńska**, Ansuman Lahiri, “Structural and Thermodynamic Consequences of Base Pairs Containing Pseudouridine and N1-methylpseudouridine in RNA Duplexes”, *Chemistry Select*, 10, art. nr e202400006, 2025. [DOI: 10.1002/slct.202400006](https://doi.org/10.1002/slct.202400006)
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6. **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)
  
7. **Kinga Pokrywka, Marta Grzechowiak, Joanna Śliwiak, Paulina Worsztynowicz, Joanna I. Loch, Miłosz Ruszkowski, Mirosław 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)
  
8. **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)