

Mikołaj Olejniczak

Professor

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Education

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| 1997 | MSc in Biotechnology, Faculty of Biology, Adam Mickiewicz University |
| 2003 | PhD in Biochemistry, Institute of Bioorganic Chemistry, Polish Academy of Sciences in Poznań |
| 2011 | Habilitation in Biochemistry, Institute of Bioorganic Chemistry, PAS |
| 2021 | Professor of Biological Sciences |

Positions

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| 1997 - 2002 | Research Assistant, Institute of Bioorganic Chemistry PAS |
| 2003 – 2005 | Postdoctoral Fellow, Department of Biochemistry, Molecular Biology and Cell Biology, Northwestern University, Evanston, USA, (Prof. Olke C. Uhlenbeck) |
| 2006 - 2011 | Research Associate, Institute of Bioorganic Chemistry PAS |
| 2011 - 2021 | Associate Professor, Institute of Molecular Biology and Biotechnology, Faculty of Biology, Adam Mickiewicz University in Poznań |
| since 2022 | Full Professor, Institute of Molecular Biology and Biotechnology, AMU |

Awards and accomplishments

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| 2007 | „Homing” grant of the Foundation for Polish Science, 2007-2009 |
| 2012 | Award of the Polish Biochemical Society and Sigma-Aldrich for the best publication in chemistry and biochemistry of nucleic acids in Poland in 2011 |
| 2012 | „TEAM” grant of the Foundation for Polish Science, 2012-2015 |

Selected publications

1. Stein E.M., Kwiatkowska J., Basczok M.M., Gravel C.M., Berry K.E., Olejniczak M. “Determinants of RNA recognition by the FinO domain of the Escherichia coli ProQ protein.” *Nucleic Acids Research* 48 (13), 7502-7519 (2020)
2. Kwiatkowska J, Wróblewska Z, Johnson K.A., Olejniczak M. “The binding of Class II sRNA MgrR to two different sites on matchmaker protein Hfq enables efficient competition for Hfq and annealing to regulated mRNAs”. *RNA* 24(12), 1761-1784 (2018)
3. Wróblewska Z, Olejniczak M. "Hfq assists small RNAs in binding to the coding sequence of *ompD* mRNA and in rearranging its structure", *RNA* (2016), 22(7):979-94
4. Małecka E.M., Stróżecka J., Sobańska D. and Olejniczak M. "Structure of bacterial regulatory RNAs determines their performance in competition for the chaperone protein Hfq." *Biochemistry* 54, 1157-70 (2015)
5. Olejniczak M. "Despite similar binding to the Hfq protein regulatory RNAs widely differ in their competition performance." *Biochemistry* 50, 4427-4440 (2011)