

## Mikołaj Olejniczak

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### Education

- 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

### Positions

- 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
- since 2011 Professor, Institute of Molecular Biology and Biotechnology, Faculty of Biology, Adam Mickiewicz University in Poznań

### Awards and accomplishments

- 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. Wróblewska Z., Olejniczak M. “Hfq assists small RNAs in binding to the coding sequence of *ompD* mRNA and in rearranging its structure”, *RNA* (2016), *in press*
2. Małecka EM., Stróżecka J., Sobańska D., Olejniczak M. “Structure of bacterial regulatory RNAs determines their performance in competition for the chaperone protein Hfq”, *Biochemistry* 54, 1157-70 (2015).
3. Olejniczak M. “Despite similar binding to the Hfq protein regulatory RNAs widely differ in their competition performance.” *Biochemistry* 50, 4427-4440 (2011);
4. Ledoux S., Olejniczak M., Uhlenbeck O.C. “A sequence element that tunes *Escherichia coli* tRNA(Ala)(GGC) to ensure accurate decoding.” *Nat. Struct. Mol. Biol.* 16(4), 359-64 (2009)
5. Olejniczak M., Dale T., Fahlman R.P. and Uhlenbeck O.C. „Idiosyncratic tuning of tRNAs to achieve uniform ribosome binding.” *Nat. Struct. Mol. Biol.* 12(9), 788-793 (2005)