

**Katarzyna Ratajczak**  
**Lista publikacji**

**Publikacje w czasopismach**

1. Ratajczak, K., & Stobiecka, M. (2017). Ternary interactions and energy transfer between fluorescein isothiocyanate, adenosine triphosphate, and graphene oxide nanocarriers. *The Journal of Physical Chemistry B*, 121(28), 6822-6830.
2. Ratajczak K., Krazinski B.E., Kowalczyk A.E., Dworakowska B., Jakiela S., Stobiecka M. (2018). Hairpin-Hairpin Molecular Beacon Interactions for Detection of Survivin mRNA in Malignant SW480 Cells, *ACS Applied Materials and Interfaces*, 10(20), 17028-17039.
3. Ratajczak K., Krazinski B.E., Kowalczyk A.E., Dworakowska B., Jakiela S., Stobiecka M. (2018). Optical biosensing system for the detection of survivin mRNA in colorectal cancer cells using a graphene oxide carrier-bound oligonucleotide molecular beacon, *Nanomaterials*, 8(7), 510.
4. Ratajczak, K., Lukasiak, A., Grel, H., Dworakowska, B., Jakiela, S., Stobiecka, M. (2019). Monitoring of dynamic ATP level changes by oligomycin-modulated ATP synthase inhibition in SW480 cancer cells using fluorescent "On-Off" switching DNA aptamer. *Analytical and bioanalytical chemistry*, 411(26), 6899-6911.  
DOI: 10.1007/s00216-019-02061-0
5. Stobiecka M., Ratajczak K., Jakiela S. (2019) , Toward early cancer detection: Focus on biosensing systems and biosensors for an anti-apoptotic protein survivin and survivin mRNA, *Biosensors and Bioelectronics*, 137, 58-71.