

# Diana Kitka

**Email:** [kitka.diana@gmail.com](mailto:kitka.diana@gmail.com)

**Telephone:** +36 30 894 0 492

## Education

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- **University of Aberdeen, Aberdeen, United Kingdom**  
MSc, BioBusiness and Medical Science, 2016-2017  
Research project: “Development of Anti-Candida monoclonal antibodies as novel antifungal therapeutics and diagnostic tools”
- **University of Szeged, Szeged, Hungary**  
BSc, Cell and Molecular Biology, 2010-2014  
Diploma thesis: „Activity of ecdysteroid derivatives alone and in combination with doxorubicin on sensitive and multidrug resistant mouse lymphoma cell lines”
- **Gabor Denes Secondary School, Szeged, Hungary**  
Computer Science, Biology, 2006-2010

## Research Experience

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- **Hungarian Academy of Science, Research Centre for Natural Sciences (Biological Nanochemistry Research Group), Budapest, Hungary, September 2017 - Current**
- **University of Aberdeen (MRC Fungal Research Group), Aberdeen, United Kingdom, April 2017- August 2017**  
Research project with Prof. Dr. Carol Munro and Prof. Dr. Andy Porter
- **Moorfields Eye Hospital (Reading Centre), London, United Kingdom, February 2016 – April 2016**  
Work Experience with Dr. Tunde Peto MD, MHealthED, PhD, FHCO
- **University College London (Institute of Ophthalmology, Faculty of Brain Science), London, United Kingdom, August 2015 – February 2016**  
Research Volunteer with Dr. Imre Lengyel, PhD
- **Biological Research Centre (Laboratory of Proteomics Research), Szeged, Hungary, February 2014 – May 2014**  
Student Intern with Dr. Eva Kelement, PhD
- **University of Szeged, Faculty of Medicine, Department of Medical Microbiology and Immunobiology, Szeged, Hungary, 2012 – 2013**  
Junior Research Associate with Dr. Ana Martins, PhD; Prof. Dr. Joseph Molnar, MD, PhD

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## Skills and Techniques

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- Statistical analysis of data: excellent knowledge of using Excel, GraphPad Prism, Prospector, competent user of MS Office pack, Linux and Windows, basic IT competencies, packages
- Laboratory skills: immunohistochemistry, data analysing, general biochemical techniques, FACS, MALDI-TOF, cell lines, PCR, DNA and RNA isolation, gel electrophoresis, protein isolation, protein chemistry, protein digestion
- Research skills: critical thinking, research methods, documenting and presenting lab results, good research practice, understanding commercial and academic exploitation
- Research management: good organising and time managing skills, information management
- Personal effectiveness: creativity and innovation, ability to work independently, flexibility and open-mindedness
- Communication skills: excellent communication, teamwork, academic writing, academic presentation, mentoring

## Publications

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1. Heeren, T. F. C., **Kitka, D.**, Florea, D., Clemons, T. E., Chew, E. Y., Bird, A.C., Pauleikhoff, D., Holz, F. G., Peto, T., on behalf of the MacTel Study Group. (2017). Progression of Ellipsoid Zone Loss and Functional Loss in Macular Telangiectasia Type 2. *Retina*. 10.1097/IAE.0000000000001715
2. Martins, A., Csabi, J., **Kitka, D.**, Balazs, A., Amaral, L., Molnar, J., Simon, A., Toth, G., Hunyadi A. (2013). Synthesis and Structure-Activity Relationship Study of Novel Ecdysteroid Dioxolanes as MDR Modulators in Cancer. *Molecules*. **18**:15255-15275
3. Martins, A., Csabi, J., **Kitka, D.**, Bathori, M., Amaral, L., Molnar, J., Hunyadi A. (2013). Novel ecdysterooids as modulators of multi-drug resistance (poster). *COST conference*, Portugal 2013