

## ~ CURRICULUM VITAE ~

### Personal information

- **Name:** Noémi Miltner
- **Date of birth:** 22<sup>nd</sup> May, 1990
- **Place of birth:** Hajdúnánás, Hungary
- **Nationality:** Hungarian
- **Place of residence:**  
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### Education details

- 2016-** **PhD student**  
*(Doctoral School of Molecular Medicine, Department of Physiology and Immunology, University of Debrecen)*
- 2015-2016** **PhD student**  
*(Molecular Cell and Immunobiology Doctoral School, Department of Immunology, University of Debrecen)*
- 2013-2015** **Molecular Biologist MSc.**  
*(University of Debrecen, specialized in Immunology, Cell and Microbiology)*
- 2009-2013** **Medical Laboratory and Diagnostic Imaging Analyst BSc.**  
*(University of Debrecen, specialized in Medical Research Laboratory Analysis)*

### Professional experience

- 2017** **EndNote Training** *(University of Debrecen)*
- 2017** **'How to become a successful researcher' PhD Conference**  
*(University of Debrecen, participant and organizing tasks)*
- 2017** **10<sup>th</sup> Molecular, Cell and Immune Biology Winter Symposium**  
*(University of Debrecen, participant)*
- 2017** **'Spring Wind' Multidisciplinary PhD Conference**  
*(University of Miskolc, Miskolc, abstract reviewer)*
- 2016** **Annual Symposium of the Doctoral School of Molecular Medicine**  
*(University of Debrecen, participant)*
- 2016** **9<sup>th</sup> Molecular, Cell and Immune Biology Winter Symposium**  
*(University of Debrecen, participant)*
- 2016** **'Spring Wind' Multidisciplinary PhD Conference**  
*(University of Óbuda, Budapest, abstract reviewer)*
- 2016** **'Focus on the performing skills' PhD conference**  
*(University of Debrecen, participant and organizing tasks)*
- 2016** **Elsevier author workshop** *(University of Debrecen)*
- 2015** **Presentation of research results for the Frederick Verzár College from Nyíregyháza**  
*(University of Debrecen)*
- 2015** **Biosafety level-2 (BSL-2) course** *(University of Debrecen)*
- 2014** **Pangarat Endes Scholarship** *(University of Debrecen)*
- 2013** **Summer Research Scholarship** *(University of Debrecen)*

- 2012-2016** Research student, demonstrator, Bachelor and Master thesis, professional practice  
(Department of Immunology, University of Debrecen)
- 2012** Professional practice in Cell Biology and Signaling Research Group  
(Department of Biophysics and Cell Biology, University of Debrecen)
- 2011** Biological isotope course  
(Enhanced radiation protection certificate, University of Debrecen)

### **Presentations and posters**

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- 2017** **First author poster** (performed by Miltner N.):  
Miltner, N., Mihály, J., Zara, B., Hollósi, E., Ádám, D., Jambrovics, K., Mechoulam, R., Russo, E., Bíró, T.: Investigation of anti-inflammatory effect of novel semi-synthetic phytocannabinoids in RAW 264.7 cells (*Hungarian Physiological Society Conference, University of Debrecen*)
- 2017** **Co-author poster** (performed by Mihály J.):  
Mihály, J., Miltner, N., Zara, B., Hollósi, E., Ádám, D., Tubak, V., Mechoulam, R., Russo, E., Bíró, T.: Investigation of fluorinated semi-synthetic plant-derived cannabinoids in human keratinocyte model systems under inflammatory conditions (*Hungarian Physiological Society Conference, University of Debrecen*)
- 2017** **Investigation of anti-inflammatory effect of novel semi-synthetic phytocannabinoids in RAW 264.7 cells**  
(presentation, National Association of Doctors, Medical and Health Sciences Division section, Hungarian Physiological Society Conference, University of Debrecen)
- 2015** **Modification of dendritic cell functions by mesenchymal stem cells**  
(presentation, Talent Development Program Conference, University of Debrecen)
- 2015** **Modification of dendritic cell functions by mesenchymal stem cells**  
(presentation, XXXII. National Student Conference, University of Semmelweis, Budapest)
- 2015** **Modification of dendritic cell functions by mesenchymal stem cells**  
(presentation, Medical and Health Sciences Student Conference, University of Debrecen)
- 2015** **Co-author poster** (performed by Mázló A.):  
Mázló, A., Póliska, Sz., Bacskai, I., Miltner, N., Apáti, Á., Rajnavölgyi, É.: Novel mechanism of MSC-mediated immunosuppression (*10<sup>th</sup> ENII Summer School, Porto Cervo, Sardinia*)
- 2014** **Immunosuppressive effects of human mesenchymal stem cells (MSCs) on the monocyte-derived dendritic cells (moDCs)**  
(presentation, Medical and Health Sciences Student Conference, University of Debrecen)

### **Tutoring skills**

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- 2016-** Co-supervisor of 1 person of Bachelor (Alexandra Lendvai) and 1 person of Master thesis-writing student (Bernadett Zara)
- 2015-** National Conference of Student Union: Talent Mentor Program  
(mentoring for high school and freshman university students)

### **Teaching activity**

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- 2016/2017 academic year, 1<sup>st</sup> and 2<sup>nd</sup> semester:** Medical physiology for General medicine students  
(practicals, demonstrator, Department of Physiology, University of Debrecen)
- 2016/2017 academic year, 2<sup>nd</sup> semester:** Immunological methods in clinical research for Clinical Laboratory Research MSc. students  
(lecture, Department of Immunology, University of Debrecen)

**2016/2017 academic year, 1<sup>st</sup> semester: Immunology for General medicine students**  
(practicals, seminar leader, Department of Immunology, University of Debrecen)

**2015/2016 academic year, 2<sup>nd</sup> semester: Immunology aspects of biotechnology for Biotechnologist MSc. students** (seminar, Department of Immunology, University of Debrecen)

**2015/2016 academic year 2<sup>nd</sup> semester: Immunological methods in clinical research for Clinical Laboratory Research MSc. students**  
(lecture, Department of Immunology, University of Debrecen)

**2014/2015 academic year 2<sup>nd</sup> semester: Immunology for Pharmacy students**  
(demonstrator, Department of Immunology, University of Debrecen)

**2013/2014 academic year, 1<sup>st</sup> semester: Immunology for General medicine students**  
(demonstrator, Department of Immunology, University of Debrecen)

## **Recognitions**

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**2015 XXXII. National Student Conference** (University of Semmelweis, Budapest)  
1<sup>st</sup> place in Theoretical Medicine, Experimental Immunology section

**2015 Medical and Health Sciences Student Conference** (University of Debrecen)  
1<sup>st</sup> place in Experimental Immunology, Microbiology section  
Special Award from Hungarian Society for Immunology

**2015 Talent Development Program Conference** (University of Debrecen)  
'Best performer' award in Medical Sciences section

## **Scientific memberships**

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- Hungarian Biochemical Society
- European Federation of Immunological Societies (EFIS)
- Hungarian Society for Immunology
- Foundation for Children with Immunodeficiencies (advisory board member)
- National Association of Doctors  
(Medical and Health Sciences Division, member and secretary)
- Talent Development Program (mentor, University of Debrecen)
- Kálmán Sántha College (member and Neptune coordinator, University of Debrecen)
- Student Research Member (University of Debrecen)
- Alumni community (University of Debrecen)

## **Major research interests**

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- Inflammatory human skin disease (dermatitis)
- Effect of plant-derived, non-psychotropic phytocannabinoids and their fluorinated compounds *in vitro* pro-inflammatory human keratinocyte model systems
- Phytocannabinoids (e.g. cannabidiol, CBD) and novel semi-synthetic CBD-derivatives in a mouse cell line under inflammatory conditions
- Investigation of the endogenous cannabinoid system (ECS) on the biology of human mesenchymal stem cells (MSCs)

## **Language skills**

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- Hungarian (native)
- English (written and oral intermediate language exam, B2)