



# Curriculum Vitae

## HRZZ Form

### PERSONAL INFORMATION

Name and surname **KATJA ESTER**  
 Academic title PhD  
 Year and institution 2006  
 of PhD obtained University of Zagreb, Faculty of Natural Sciences  
 Address Bijenička 54, Zagreb, Croatia  
 Phone +385 14571235  
 Fax +3851 4561010  
 E-mail kester@irb.hr  
 Personal web page  
 Citizenship Croatian  
 Date and place of birth 06.11.1973. Varaždin

### WORK EXPERIENCE<sup>1</sup> (CHRONOLOGICALLY\*)

Date (from - until) 2013-today  
 Institution Ruđer Bošković Institute  
 Position Research Associate  
 Work field biomedicine, molecular oncology, tumor therapy, medicinal chemistry, molecular immunology, virology  
 Date (from – until) 2000- 2013  
 Institution Ruđer Bošković Institute  
 Position Junior Researcher  
 Work field biomedicine, molecular oncology, tumor therapy, medicinal chemistry, molecular immunology, virology  
 Date (from – until) 1999-2000  
 Institution Ruđer Bošković Institute  
 Position Research assistant  
 Work field molecular immunology, virology  
 Date (from – until) 1999  
 Institution Technical School Zagreb  
 Position Biology Teacher  
 Work field Education

### EDUCATION<sup>2</sup> (CHRONOLOGICALLY)

Date 24.02.2006.  
 Place Zagreb, Croatia  
 Institution University of Zagreb, Faculty of Natural Sciences  
 Title of qualification PhD in Natural Sciences  
 awarded  
 Date 06.03.1998.  
 Place Zagreb, Croatia

<sup>1 2 3</sup> Please add rows to enter all required information

\* all information in the document should be entered chronologically – from the most recent to the oldest

Institution	University of Zagreb, Faculty of Natural Sciences
Title of qualification awarded	B. Sc. in Molecular Biology
Date	1992
Place	Zagreb
Institution	Natural Sciences and Mathematics School, V Gimnazija
Title of qualification awarded	Graduate

### TRAINING (CHRONOLOGICALLY)

Year	1995
Place	Sofia, Bulgaria
Institution	Forestry Institute
Subject and skills covered	Plant culture <i>in vitro</i> (CEEPUS fellowship for student exchange)
Year	1996
Place	Trieste, Italy
Institution	International Centre for Genetic Engineering and Biotechnology
Subject and skills covered	RNA Structure and Function (ICGEB award for participation on Workshop "RNA Structure and Function")
Year	2000
Place	Bruxelles, Belgium
Institution	Veterinary and Agronomical Research Centre (COST Action Short Term Scientific Mission Fellowship)
Subject and skills covered	Molecular immunology
Year	2003
Place	Muenchen, Germany
Institution	Faculty of Veterinary Medicine, Munchen University
Subject and skills covered	Methods in Avian Immunology (COST Action award for participation on the Workshop)
Year	2016
Place	Graz, Austria
Institution	Institute for Biophysics, Medical University Graz
Subject and skills covered	Bioelectricity, electrophysiology

### LANGUAGES

<b>MOTHER TONGUE</b>	<b>Croatian</b>
<b>ENGLISH LANGUAGE</b>	
Speaking	Proficient user
Writing	Proficient user
Reading	Proficient user

### OTHER FOREIGN LANGUAGES<sup>3</sup>

Language	<b>German</b>
Speaking	Basic user
Writing	Basic user
Reading	Independent user

### RESEARCH AND OTHER PROJECTS

(CHRONOLOGICALLY; LEADER AND ASSOCIATES; FUNDING SOURCE)

1. **Principal investigator** of the scientific project "Djelovanje apoptina na tumorske matične stanice " (Effects of Apoptin on Cancer Stem Cells), financed from the Foundation of the Croatian Academy of Sciences and Arts, 2015-today.
2. **Collaborator** of the scientific project "A multidisciplinary approach to discover selective drugs targeting cancer stem cells: The role of potassium transport", financed from the Croatian Science Foundation, Principal Investigator: Marijeta Kralj, 2014-today.

3. **Principal investigator** of the scientific project "Mechanisms of tumor cell death induced by Apoptin", financed from the Foundation of the Croatian Academy of Sciences and Arts, 2013-2014.
4. **Collaborator** of the multidisciplinary European project „Enhancement of the Innovation Potential in SEE through new Molecular Solutions in Research and Development (InnoMol)", obtained within the REGPOT Seventh Framework Programme (FP7). Project Coordinator: Oliver Vugrek. 2013-today.
5. **Collaborator** of the scientific project «The role of different cell death responses to DNA-damage treatment» (098-0982464-2514), financed from The Ministry of Science Education and Sports, Republic of Croatia, Principal Investigator: Marijeta Kralj. 2007- 2013.
6. **Collaborator** of the scientific project financed from The Ministry of Science Education and Sports, Republic of Croatia: "Molecular mechanisms of immunosuppression". Principal Investigator: Renata Novak-Kujundžić. (0098102) 2002-2007.
7. **Collaborator** of the scientific project financed from The Ministry of Science Education and Sports, Republic of Croatia: "Comparative molecular immunology". Principal Investigator: Renata Novak-Kujundžić. (00981114) 2001-2002.
8. **Collaborator** of the scientific project financed from The Ministry of Science Education and Sports, Republic of Croatia: "Molekulska genetička osnova metastaziranja". Principal Investigator: Krešimir Pavelić. (0098114) 2000-2001.
9. **Collaborator** of the scientific project financed from The USA Poultry & Egg Association to the University of Georgia, Athens, to WL Ragland, USA: 1999-2000.

#### TEACHING

(CHRONOLOGICALLY; UNDERGRADUATE, GRADUATE , POSTGRADUATE STUDY PROGRAMMES)

**2015.-** participation (lectures), "Functional genomics", PhD Program Molecular Biosciences, RBI, University in Osijek and University in Dubrovnik.

**2011.** – participation (lectures), "Functional genomics", PhD Program Molecular Biosciences, RBI, University in Osijek and University in Dubrovnik.

**2010.** – participation (lectures), "Functional genomics", PhD Program Molecular Biosciences, RBI, University in Osijek and University in Dubrovnik.

#### MENTORSHIP OF DEFENDED DOCTORAL AND MASTER DISSERTATIONS AND TRAINING OF YOUNG RESEARCHERS AND SCIENTISTS

(CHRONOLOGICALLY)

1. **mentor** – Steffi Lemmens, **diploma thesis**: "Comparision of transfection efficiency and antitumour effects of apoptin between different tumour cell lines". University College Ghent, Ghent, Belgium. Defended in June 2016
2. **mentor** – Jelena Jurin, **diploma thesis**: „Differential antiproliferative activity of Apoptin in vitro". Faculty of Natural Sciences, University in Zagreb. Defended in September 2013.
3. **mentor** – Kristina Majsec, **diploma thesis**: „ Antitumor effects of cyano-substituted organic compounds in vitro". Faculty of Natural Sciences, University in Zagreb. Defended in October 2010.
4. Theoretical and laboratory **training** of PhD student Hrvoje Kutnjak, 2001-2002.

#### VISITS TO FOREIGN RESEARCH AND EDUCATION INSTITUTIONS

(CHRONOLOGICALLY; ONLY VISITS LONGER THAN 3 MONTHS)

#### AWARDS AND RECOGNITIONS

(CHRONOLOGICALLY)

1. Croatian Microbiological Society award for participation on Scientific Meeting "Power of Viral Vectors in Gene Therapy and Basic Science", Primošten, Hrvatska, September 2014.
2. FEMS award for student's participation on Scientific Meeting 'Workshop on molecular pathogenesis of Marek's disease and avian immunology', Cyprus, October 2002.
3. The Best Poster Award: Third Croatian Congress of Pharmacology, Zagreb, September 2001.
4. Award for Top students, V Gymnasium Zagreb, 1992.

#### ORGANIZATIONAL SKILLS AND COMPETENCES

(CHRONOLOGICALLY; ORGANIZATION OF HOME AND INTERNATIONAL SCIENCE EVENTS)

Organisation board of Ruđer Bošković Institute Open Days, May 2016  
 Organisation of COST BM1406 Workshop in Zagreb, September 2016.

#### MEMBERSHIP IN SCIENCE ORGANIZATIONS AND BODIES

(CHRONOLOGICALLY; HOME AND INTERNATIONAL ORGANIZATIONS AND BODIES)

Croatian Biological Society  
 European Association of cancer research (EACR)  
 HDIR  
 Croatian Microbiological Society  
 FEMS

#### COMMISSIONS, COMMITTEES, BOARDS AND WORK GROUPS

(CHRONOLOGICALLY; HOME AND INTERNATIONAL)

Management Committee member of COST Action BM1406: Ion Channels and Immune Response toward a global understanding of immune cell physiology and for new therapeutic approaches (IONCHAN-IMMUNRESPON), 2015-2019.  
 Work groups member of COST Action BM 1406.

#### PAPERS

(CHRONOLOGICALLY; RESEARCH BOOKS, HOME AND INTERNATIONAL RESEARCH JOURNALS, HOME AND INTERNATIONAL CONFERENCE PROCEEDINGS; PLEASE WRITE THEIR IMPACT FACTOR)

**Scientific Papers have 216 citations according to Scopus, h index = 9**

#### Book chapters

Ragland, William L.; Novak, Renata; El-Attrache, John; Ester, Katja.  
 Chicken infectious anaemia virus interferes with transcription for chicken interferon alpha and gamma. Infectious Bursal Disease and Chicken Infectious Anaemia / Kaleta, Erhard F. (ed.).  
 Giessen : Justus Liebig University, 2001. 404-408.

Savić, Vladimir; Ragland, William L.; Novak, Renata; Ester, Katja. Infectious bursal disease outbreak: experimental infection of broilers with evidence of significantly reduced body weight gain and interference with transcription for interferon. Infectious Bursal Disease and Chicken Infectious Anaemia / Kaleta, Erhard F. (ed.). Giessen : Justus Liebig University, 2001. 281-286

Novak, R., K. Ester, V. Savić and W. L. Ragland. Immune status assessment by abundance of interferon alpha and gamma mRNA in chicken blood following antigenic challenge with inactivated Newcastle disease virus. In: Economic Impact Assessment of the Immunosuppressive Viral Diseases in Poultry. Proceedings of COST Action WG 1, 2 and 3

Joint Meeting. Lyon, France. (T. van den Berg, N. Eterradosi, S. de Wit, O. Vainio, F.-X. Le Gros, eds.). Office for Official Publications of the European Communities. Luxembourg. 2002. pp. 84-88.

### List of papers published in international CC journals

1. Sović, Irena; Viskić, Marko; Bertoša, Branimir; Ester, Katja; Kralj, Marijeta; Hranjec, Marijana; Karminski-Zamola, Grace. Exploring antiproliferative activity of heteroaromatic amides and their fused derivatives using 3D-QSAR, synthesis and biological tests. *Monatshefte für Chemie*. 146 (2015), 9; 1503-1517. **IF 1.22 (ISI Web of Knowledge, Journal Citation Reports 2014)**
2. Racane, Livio; Stojković, Ranko; Tralić- Kulenović, Vesna; Cerić, Helena; Đaković, Marijana; Ester, Katja; Mišir Krpan, Ana; Radić Stojković, Marijana. Interactions with polynucleotides and antitumor activity of amidino and imidazoliny substituted 2-phenylbenzothiazole mesylates. *European Journal of Medicinal Chemistry*. 86 (2014), 30; 406-419. **IF 3.432**
3. Perin, Nataša; Nhili, Raja; Ester, Katja; Laine, William; Karminski-Zamola, Grace; Kralj, Marijeta; David-Cordonnier, Marie-Hélène; Hranjec, Marijana. Synthesis, antiproliferative activity and DNA binding properties of novel 5-aminobenzimidazo[1, 2-a]quinoline-6-carbonitriles. *European journal of medicinal chemistry*. 80 (2014), 218-227. **IF 3.432**
4. Ester, Katja; Supek, Fran; Majsec, Kristina; Marjanović, Marko; Lembo, David; Donalizio, Manuela; Šmuc, Tomislav; Jarak, Ivana; Kraminski-Zamola, Grace; Kralj, Marijeta. Putative mechanisms of antitumor activity of cyano-substituted heteroaryles in HeLa cells. *Investigational New Drugs*.(2012) 30(2):450-67. **IF 3.498**
5. Šimunović, M; Perković, I; Zorc, B; Ester, K; Kralj, M; Hadjipavlou-Litina, D; Pontiki, E. Urea and carbamate derivatives of primaquine: synthesis, cytostatic and antioxidant activities. *Bioorganic & Medicinal Chemistry*. 17 (2009), 15; 5605-5613. **IF 2.903**
6. Ester, Katja; Ćurković-Perica, Mirna; Kralj, Marijeta. The Phytohormone Auxin Induces G1 Cell-Cycle Arrest of Human Tumor Cells. *Planta Medica*. 75 (2009),13; 1423-1426. **IF 2.348**
7. Ester, Katja; Hranjec, Marijana; Piantanida, Ivo; Caleta, Irena; Jarak, Ivana; Pavelić, Krešimir; Kralj, Marijeta; Karminski-Zamola, Grace. Novel Derivatives of Pyridyl-Benzo(b)thiophene-2-carboxamides and Benzo(b)thieno(2,3-c)naphthyridin-2-ones: Minor Structural Variations Provoke Major Differences of Antitumor Action Mechanisms. *Journal of Medicinal Chemistry*. 52 (2009), 8; 2482-2492. **IF 5.614**
8. Džimbeg, Gabrijela; Zorc, Branka; Kralj, Marijeta; Ester, Katja; Pavelić, Krešimir; Andrei, Graciela; Snoeck, Robert; Balzarini, Jan; De Clercq, Erik; Mintas, Mladen. The novel primaquine derivatives of N-alkyl, cycloalkyl or aryl urea: Synthesis, cytostatic and antiviral activity evaluations. *European Journal of Medicinal Chemistry*. 43 (2008) , 6; 1180-1187. **IF 3.432**
9. Starčević, Kristina; Kralj, Marijeta; Ester, Katja; Karminski-Zamola, Grace. Synthesis and cytostatic evaluation of pyridopyrimidobenzimidazole derivatives. *Heterocycles*. 71 (2007) , 3; 647-656 **IF 1.077**
10. Starčević, Kristina; Kralj, Marijeta; Ester, Katja; Sabol, Ivan; Grce, Magdalena; Pavelić, Krešimir; Karminski-Zamola, Grace. Synthesis, Antiviral and Antitumor Activity of 2-substituted-5-amidino-benzimidazoles. *Bioorganic and Medicinal Chemistry*. 15 (2007) , 13; 4419-4426 **IF 2.903**
11. Rajić, Zrinka; Zorc, Branka; Raić-Malić, Silvana; Ester, Katja; Kralj, Marijeta; Pavelić, Krešimir; Balzarini, Jan; De Clercq, Erik; Mintas, Mladen. Hydantoin derivatives of L- and

D-amino acids: synthesis, antiviral and antitumoral activity evaluations. *Molecules*. 11 (2006) , 11; 837-848 **IF 2.428**

12. Starčević, Kristina; Čaleta, Irena; Cinčić, Dominik; Kaitner, Branko; Kralj, Marijeta; Ester, Katja; Karminski-Zamola, Grace. Synthesis, crystal structure determination and antiproliferative evaluation of novel benzazoyl benzamides. *Heterocycles*. 68 (2006) , 11; 2285-2299 **IF 1.077**

13. Quere, Pascale; Rivas, Christelle; Ester, Katja; Novak, Renata; Ragland, William. Abundance of IFN-alpha and IFN gamma mRNA in blood of resistant and susceptible chickens infected with Marek's disease virus (MDV) or vaccinated with turkey herpesvirus ; and MDV inhibition of subsequent induction of IFN gene transcription. *Archives of virology*. 150 (2005) , 3; 507-519 **IF 2.030**

14. Ragland, William L; Novak, Renata; El-Attrache, John; Savić, Vladimir; Ester, Katja. Chicken Anemia Virus and Infectious Bursal Disease Virus Interfere with Transcription of Chicken IFN-alpha and IFN-gamma mRNA. *Journal of Interferon and Cytokine Research*. 22 (2002) , 4; 437-441 **IF 3.297**

15. Novak, Renata; Ester, Katja; Savić, Vladimir; Sekellick, Margaret J.; Marcus, Philip I.; Lowenthal, John W.; Vainio, Olli; Ragland, William L. Immune status assessment by abundance of IFN-alpha and IFN-gamma mRNA in chicken blood. *Journal of Interferon and Cytokine Research*. 21 (2001), 8; 643-651 **IF 3.297**

### Other papers (SCI)

15. Crnek-Kunstelj, Vesna; Ester, Katja; Stipić, Jagoda. Role of retinoic acid and DNA methylation in differentiation of mammalian embryo in vitro. *Periodicum biologorum*. 104 (2002) , 1; 55-66

16. Ragland, William L.; Novak, Renata; Ester, Katja; Savić, Vladimir. Evaluation of immune status in chickens. *Periodicum biologorum*. 103 (2001), 2; 115-118.

### Published proceedings

Novak, R., K. Ester and W. L. Ragland. 1999. Assay of alpha and gamma interferon mRNA in chicken blood by competitive nucleic acid hybridization in microtitre plates. Meeting of Working Group 2, Diagnosis and Economic Impact, EC COST Action 839 - Immunosuppressive Viruses of Poultry. Budapest, 27-29 May, WG2 1.6.

Novak, R., K. Ester and W. L. Ragland. 1999. Competitive nucleic acid hybridization for measurement of chicken interferons (IFN) alpha and gamma mRNA. Annual Meeting of Croatian Immunology Society. Zagreb, 25 November 1999.

Novak, R., K. Ester and W. L. Ragland. 2000. Evaluation of immune status with a competitive nucleic acid hybridization assay for chicken interferons (IFN) alpha and gamma in whole blood. *Experimental Biology 2000*. San Diego, 14-18 April.

Novak, R., K. Ester, V. Savić and W. L. Ragland. 2000. Immune status assessment by abundance of interferon alpha and gamma mRNA in chicken blood following antigenic challenge with inactivated Newcastle disease virus. Joint Meeting of Working Groups 2, 4 and 5, COST Action 839. Lyon, France, 15-18 May 2000.

Novak, R., K. Ester and W. L. Ragland. 2000. Evaluation of immune status with a competitive nucleic acid hybridization assay for chicken interferons (IFN) alpha and gamma in whole blood. 2nd International Conference on Signal Transduction. Dubrovnik, Croatia, 26-31 May 2000.

Novak, R.; Ester, K.; Ragland, W. L. 2000. Test za pracenje virusne supresije imunološkog sustava peradi. Godišnji sastanak Hrvatskog imunološkog društva, Zagreb, 15.12. 2000.

Savić, V., W. L. Ragland, R. Novak and K Ester. 2001. Experimental infection with a recent IBDV isolate: Evidence of significantly reduced body weight gain and inhibition of

transcription of interferon. II. International Symposium on Infectious Bursal Disease and Chicken Infectious Anaemia. Rauschholzhausen, Germany, 16-20 June 2001.

Ragland, W. L., R. Novak, J. El-Attrache and K. Ester. 2001. Interference with transcription for interferon by chicken anaemia virus. II. International Symposium on Infectious Bursal Disease and Chicken Infectious Anaemia. Rauschholzhausen, Germany, 16-20 June 2001.

Crnek-Kunstelj, V. and K. Ester, 2001. Role of retinoic acid and DNA methylation on differentiation of mammalian embryo in vitro. Third Croatian Congress of Pharmacology, Zagreb, September 18-21.

Ragland, W. L., V. Savić, R. Novak and K. Ester. 2001. Abundance of ChIFN- $\alpha$  and ChIFN- $\beta$  mRNA in blood of broiler chickens during an outbreak of chicken infectious anaemia. COST 839 Workshop. Brescia, Italy, 18-20 October 2001.

Ragland, W. L., V. Savić, R. Novak and K. Ester. 2002. Abundance of ChIFN- $\alpha$  and ChIFN- $\beta$  mRNA in blood of broiler chickens during an outbreak of chicken infectious anaemia. Experimental Biology 2002, New Orleans, Louisiana, April 20–24 2002.

Quéré, P., C. Rivas, K. Ester, R. Novak and W. L. Ragland. 2002. Blood IFN- $\alpha$  and IFN- $\beta$  mRNA abundance as a measure of systemic immunosuppression in Marek's disease? Workshop on Molecular Pathogenesis of Marek's Disease and Avian Immunology. Limassol, Cyprus, 6-11 October 2002.

Savić V, Ragland WL, Novak R, Ester K. 2005 Highly virulent Infectious Bursal Disease in broilers with no or low mortality but with reduced body masses and immunosuppression. World Veterinary Poultry Association Congress. Istanbul, Turkey, 22-26 August 2005.

Savić V, Ragland WL, Novak R, Ester K. 2005 Highly virulent infectious bursal disease in broiler chickens with no or low mortality but with reduced body masses and immunosuppression. 1st Central European Forum for Microbiology (CEFOM) and Annual Meeting of the Hungarian Society for Microbiology. Keszthely, Hungary, 26-28 October 2005.

Rajić, Zrinka; Zorc, Branka; Raić-Malić, Silvana; Ester, Katja; Kralj, Marijeta; Pavelić, Krešimir; Balzarini, Jan; De Clercq, Erik; Mintas, Mladen. 2007. Hidantoinski derivati L- i D-aminokiselina: sinteza i ispitivanje virustatskog i citostatskog djelovanja. XX. hrvatski skup kemičara i kemijskih inženjera. Zagreb, Croatia, 26.02.-01.03.2007.

Džimbeg, Gabrijela; Rajić, Zrinka; Zorc, Branka; Kralj, Marijeta; Ester, Katja; Pavelić, Krešimir; Balzarini, Jan; De Clercq, Erik; Mintas, Mladen. 2007. The novel primaquine derivatives of N-alkyl, cycloalkyl or aryl urea: synthesis, cytostatic and antiviral activity evaluations Abstracts of the 3rd Pharmaceutical Sciences World Congress. Pharmaceutical Sciences World Congress. Amsterdam, Nederland, 22-25.04.2007.

Ćurković Perica, Mirna; Ester, K.; Kralj, M. 2008. Auxins: effects on bacteria and tumours. Ehrlich II - 2nd World Conference on Magic Bullets. Nürnberg, Germany, 3-5.10.2008.

Ester, Katja; Ćurković-Perica, Mirna; Kralj, Marijeta. 2009. Plant Hormones Auxins Disturbe Cell Cycle of Human Tumor Cells. EMBO Young Scientists Forum. Zagreb, Croatia, 15-17.06. 2009.

Ester, Katja; Hranjec, Marijana; Piantanida, Ivo; Karminski-Zamola, Grace; Kralj, Marijeta. 2009. Različiti mehanizmi protutumorskog djelovanja novosintetiziranih derivata benzotiofena. 10. Hrvatski biološki kongres s međunarodnim sudjelovanjem. Osijek, Croatia, 14-20.09.2009.

Majsec, Kristina; Ester, Katja; Marjanović, Marko; Kralj, Marijeta. Highly Cytotoxic Cyano-Substituted Compounds: A Search for Mechanism of Antitumor Action // Heidelberg, Germany, 3-5.10.2010.

Viskić, Marko; Sović, Irena; Bertoša, Branimir; Ester, Katja; Kralj, Marijeta; Hranjec, Marijana; Karminski-Zamola, Grace. Synthesis and QSAR of novel heteroaromatic amides as potentially antitumor active compounds // 6th Summer School Medicinal Chemistry. Regensburg, 2012. 255-255 (poster, sažetak).

Perin, Nataša; Aleksić, Maja; Sović, Irena; Hranjec, Marijana; Ester, Katja; Kralj, Marijeta; Ratkaj, Ivana; Kraljević Pavelić, Sandra; Nhili, Raja; David-Cordonnier, Marie-Hélène; Karminski-Zamola, Grace. BIOLOGICALLY ACTIVE HETEROAROMATIC DERIVATIVES WITH AMINO SIDE CHAINS AS POTENTIAL ANTICANCER AGENTS // XXII National Meeting on Medicinal Chemistry-Abstract Book. Rim : Italian Chemical Society Division of Medicinal Chemistry, European Federation for Medicinal Chemistry, 2013. 77-78 (poster, međunarodna recenzija, sažetak, znanstveni)

Perin, Nataša; Aleksić, Maja; Sović, Irena; Hranjec, Marijana; Ester, Katja; Kralj, Marijeta; Ratkaj, Ivana; Kraljević Pavelić, Sandra; Nhili, Raja; David-Cordonnier, Marie-Hélène; Karminski-Zamola, Grace. AMINO SUPSTITUIRANI BIOLOŠKI AKTIVNI AMINO SUPSTITUIRANI BIOLOŠKI AKTIVNI HETEROAROMATSKI DERIVATI KAO POTENCIJALNI ANTITUMORSKI AGENSI // X. Susret mladih kemijskih inženjera, KNJIGA SAŽETAKA / Findrik Blažević, Zvezdana ; Sudar, Martina ; Šalić, Anita ; Vrsalović Presečki, Ana ; Vrsaljko, Domagoj (ur.). Zagreb : Fakultet kemijskog inženjerstva i tehnologije, 2014. 175-175 (poster, domaća recenzija, sažetak, znanstveni).

Ester Katja; Jurlin Jelena; Mikecin Ana-Matea; Kralj Marijeta. Chicken anemia virus derived protein apoptin triggers cell cycle arrest but not apoptosis in cancer stem cells // Priodicum Biologorum, Vol 116, Suppl 1, 2014: HDIR-3 "From Bench to Clinic", Third Meeting of the Croatian Association for Cancer Research with International Participation / Levanat Sonja ; Ozretić Petar (ur.). Zagreb : Croatian Society for Natural Sciences, 2014. 28-28.

Ester Katja; Jurlin Jelena; Mikecin Ana-Matea; Kralj Marijeta. The antiproliferative effects of chicken anemia virus-derived protein apoptin toward cancer stem cells // 1st Croviwo Croatian Virus Workshop, Basic and Translational Virus Research Book of Abstract / Vanda Juranić Lisnić, Igor Jurak and Dijana Škorić (ur.). Zagreb : Croatian Microbiological Society, 2014. 20-21 (poster, domaća recenzija, sažetak, znanstveni).

Ester, Katja; Mikecin Ana-Matea; Kralj Marijeta. Differential antiproliferative activity of adenovirally expressed Apoptin in vitro // Power of Viral Vectors in Gene Therapy and Basic Science 2014: Book of Abstract / Andreja Ambriović-Ristov ; Karim Benihoud ; Danko Hajsig ; Nikolina Stojanović (ur.). Zagreb : Croatian Microbiological Society, 2014. 53-53 (poster, međunarodna recenzija, sažetak, znanstveni).

#### OTHER RESEARCH ACTIVITIES

(CHRONOLOGICALLY; CHIEF EDITOR OR EDITOR OF RESEARCH BOOK, HOME AND INTERNATIONAL RESEARCH JOURNALS, HOME AND INTERNATIONAL CONFERENCE PROCEEDINGS AND OTHER)

Reviewer of international CC Journal : Investigational new drugs.

#### COMPUTER SKILLS

Very good knowledge in MS Windows and Office based software, softwares supporting flow cytometry analysis.

#### OTHER IMPORTANT SKILLS AND COMPETENCES



**ADDITIONAL INFORMATION AND NOTES**