

## Прилог

### Списак публикација професора Гордана Лауца

#### Књиге

1. *High-Throughput Glycomics and Glycoproteomics: Methods and Protocols* (Methods in Molecular Biology Book 1503), by **Gordan Lauc** (Editor), Manfred Wuhrer (Editor), Humana Press, 2016, 274 pp., ISBN-10: 1493964917, ISBN-13: 978-1493964918
2. *The Role of Glycosylation in Health and Disease* (Advances in Experimental Medicine and Biology 1325), by **Gordan Lauc** (Editor), Irena Trbojevic-Akmacic (Editor), Springer Nature Switzerland AG, 2021, 376, ISBN- 978-3-030-70114-7,
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#### Радови у међународним часописима изузетне вредности (M21a)

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### Радови у међународним часописима (M23)

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#### Међународни пројекти

1. Руководилац истраживачке групе у ФП7 пројекту „**HTP-GlycoMet – Методе за високопропусну гликопротеомску анализу**“, уговор о гранту бр: 324400, 2013-2017
2. Шеф истраживачке групе у ФП7 пројекту „**PainOmics – Мулти-димензионални омички приступ стратификацији пацијената са болом у доњем делу леђа**“, уговор о гранту бр: 602736, 2013-2018
3. Координатор ФП7 Регпот пројекта „**Integra-Life «Integrating research in molecular life sciences at the University of Zagreb»**“ (3,2 милиона Еур) 2013-2017
4. „Scientist in Charge“ хрватског дела ФП7 пројекта „**MIMOmics – Methods for integrated analysis of multiple omics datasets**“, уговор о гранту бр: 305280, 2012-2017
5. „Scientist in Charge“ хрватског дела ФП7 пројекта „**IBD-BIOM – Diagnostic and prognostic biomarkers for inflammatory bowel disease**“, уговор о додели бесповратних средстава бр:305479, 2012-2016
6. „Scientist in Charge“ хрватског дела ФП7 пројекта „**HighGlycan – Methods for High-Throughput (HTP) Analysis of Protein Glycosylation**“, уговор о гранту бр: 278535, 2011-2016
7. „Scientist in Charge“ хрватског дела ФП7 пројекта „**GlycoBioM - Tools for the Detection of Novel Glyco-biomarkers**“, уговор о бесповратној помоћи бр: 259869, 2011-2015
8. „Scientist in Charge“ хрватског дела ФП7 пројекта „Marie Curie Initial Training Networks (ITN) projekta **EuroGlycoArrays - ‘Development of Carbohydrate Array Technologies to Systematically Explore the Functional Role of Glycans in Healthy and Diseased States**“, 2008-2012
9. Истраживач на ФП7 пројекту „**INTEGERS, Integrating and Strengthening Genomic Research in South-Eastern Europe**“, 2008-2010

10. Координатор ФП6 пројекта „EuroPharm - Enhancing the capacity of the University of Zagreb Faculty of Pharmacy and Biochemistry for the participation in the European research area“ (INCO-043682) 2007-2010
11. „Scientist in Charge“ хрватског дела ФП6 Marie Curie Research Training Network пројекта „Glycogold: Exploration of the nature and potential of Glyco-nano-particles“ (MRTN-CT-2004-005645), 2005-2009
12. Сарадник на ФП6 интегрисаном пројекту: „GENDEP - Genome-Based therapeutic drugs for depression“. 2004-2007
13. Истраживач у НИH конзорцијуму "Consortium for functional glycomics", NIH grant 2U54GM062116 "Protein Carbohydrate Interactions in Cell Communication", <http://www.functionalglycomics.org/> 2004-2006
14. Коруводилац пројекта НИH #1P03TB01477-01 „Glycosylation and Human Lectins in Rheumatoid Disease“, заједно са др. Y. C. Lee са Универзитета Џонс Хопкинс 2001-2005

#### Национални пројекти

1. Руководилац програма MZOŠ #0061194 "Функционална гликомика биолошких процеса" 2007-2012
2. Руководилац пројекта MZOŠ #309-0061194-2023 "Гликопротеомика стреса и болести повезаних са стресом" 2007-2012
3. Руководилац пројекта "Protein glycosylation and human lectins in health and disease" #0209041, финансијер Министарство науке Хрватске
4. Руководилац технолошког пројекта МЗТ „Деривати дигоксина као биомедицински реагенси“ 2001-2004
5. Руководилац подстицајног пројекта МЗТ #006-321 "Гликозилација протеина у патолошким трудноћама" 1998-2001
6. Руководилац пројекта МЗТ #127009 "Биолошки ефекти новосинтетизованих ДНК интеркалатора" 1998-2001

#### Предавања по позиву

1. **2nd FEBS Advance Course on Glycoconjugates**, Dubrovnik, Croatia, 2001
2. **1st International GlycoBioTec symposium**, 2017, Berlin, "Functional relevance of inter-individual differences in the IgG glycome" (*Invited lecturer*)
3. **11th ISABS conference and on Forensic and Anthropologic Genetics and Mayo Clinic Lectures in Individualized Medicine**, 2019, Split, "Glycans as biomarkers and functional effectors in diabetes and cardiovascular diseases" (*Invited lecturer*)
4. **12th ISABS conference**, 2022, Dubrovnik, "Glycans as biomarkers and functional effectors in cardiometabolic diseases" (*Invited lecturer*)
5. **Longevity Med Summit**, 2023, Cascais, "IgG glycans are biomarkers and modifiable functional effectors of disease risk" (*Invited lecturer*)
6. **13th ISABS Conference on Applied Genetics and Mayo Clinic Lectures in Translational Medicine**“, 2024, Split, "Glycan biomarkers for personalized preventive healthcare" (*Invited lecturer*)
7. **13<sup>th</sup> ISABS conference**, 2024, Split, "Glycan biomarkers for personalized preventive healthcare" (*Plenary lecture*)

#### Награде и признања

2014 Хрватска национална награда за науку  
 2011 Избор за чланство у „Удружењу научника Џонс Хопкинс“  
 2001-2007 Гостујући професор, Одсек за биологију, Универзитет Џонс Хопкинс, Балтимор, МД  
 1999 GLYCO XV награда за младе научнике

1997/1998 Фулбрајтова стипендија  
1997 Хрватска национална награда за науку за младе научнике  
1997 Hans Seyle награда за младе научнике, Будимпешта