






## PERSONAL INFORMATION



## Tamer Bego

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Male , 21.03.1984,  
Bosnian

## WORK EXPERIENCE

September 2016 - present

**Assistant Professor in Clinical Chemistry**

Department of Biochemistry and Clinical Analysis, Faculty of Pharmacy, University of Sarajevo (<http://www.ffsa.unsa.ba/>)

- Participated in the research projects and teaching in the areas of clinical biochemistry

March 2011 – November 2014

**Doping controller.**

Agency for antidoping control of Bosnia and Herzegovina (<http://www.ada.gov.ba>)

Participated in the antidoping controls of many sport events

November 2007 – September  
2016

**Teaching/Research Associate.**

Department of Biochemistry and Clinical Analysis, Faculty of Pharmacy, University of Sarajevo, Sarajevo, Bosnia and Herzegovina; (<http://www.ffsa.unsa.ba/>)

- Participated in the research projects and teaching in the areas of clinical biochemistry

## EDUCATION AND TRAINING

September 2011- January 2016

**PhD (Pharmaceutical Sciences)**

- Faculty of Pharmacy, University of Sarajevo, Sarajevo, Bosnia and Herzegovina
- PhD Thesis: „Analysis of candidate gene polymorphisms associated with metabolic changes and biochemical indicators of Type 2 diabetes”

January 2015- July 2015

**Erasmus Mundus Basileus scholarship (PhD scholarship)**

- Chair of Clinical Chemistry, Faculty of Pharmacy, University of Ljubljana, Ljubljana, Slovenia
- Role and significance of microRNA determination in pathophysiology of osteoporosis

July 2015- (in progress)

**Specialisation in Medical biochemistry**

- OU Clinical chemistry and biochemistry, Clinical Center, University of Sarajevo, Sarajevo, Bosnia and Herzegovina

November 2014- December 2014

**CEEPUS III- Central European Exchange Program University Study**

- Institute for Clinical Biochemistry and Diagnostics, University Hospital Hradec Kralove, Hradec Kralove, Czech Republic
- Analysis of genetic variants associated with type 2 diabetes , obesity and metabolic syndrome

April 2013- June 2013

**CEEPUS III- Central European Exchange Program University Study**

- Chair of Clinical Chemistry, Faculty of Pharmacy, University of Ljubljana, Ljubljana ,Slovenia
- Analysis of genetic variants associated with type 2 diabetes , obesity and metabolic syndrome

September 2007- January 2011

**Master of Science**

- Faculty of Natural Sciences - Genetics, University of Sarajevo, Sarajevo, Bosnia and Herzegovina
- Master Thesis: „Genetic polymorphisms of *PPARG* and *LPIN1* gene as potential risk factors in the development of metabolic syndrome

September 2002- September 2007

**Master of pharmacy**

- Faculty of Pharmacy, University of Sarajevo, Sarajevo, Bosnia and Herzegovina
- University of Sarajevo Gold Medallist, First in Class at the Faculty of Pharmacy (average grade 93,2%), University of Sarajevo, 2007

**PERSONAL SKILLS**

Mother tongue(s) Bosnian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	Enter level
Turkish	B2	B2	B2	B2	B2

Communication skills

- Excellent team player
- Ability to adapt to multicultural environments, gained through my international work experience
- Responsibility, communication, reliability

Organisational / managerial skills

- Analytical Thinking
- Motivation and Commitment to Work
- Success Oriented
- Deleging Tasks
- Systematics

Driving licence B category

## ADDITIONAL INFORMATION

### Memberships

Association of Biochemists and Molecular Biologists of Bosnia and Herzegovina  
Society for medical and biological engineering in Bosnia and Herzegovina.  
Association of Medical Biochemists BH  
Association of Geneticists BH  
Pharmaceutical Society BH

### Projects

#### Active participation:

Grant of Federal Ministry of Education and Science of Bosnia and Herzegovina, „ Importance of determination of parameters of oxidative stress, inflammation and hemostasis in early diagnosis of obesity in the pediatric population, 2017-

Grant of Federal Ministry of Education and Science of Bosnia and Herzegovina, „Neuronal Networks and QSAR in designing and synthesizing pharmacologically active xanthenes“, 2016-

Grant of Cantonal Ministry for education and science Canton Sarajevo, „Synthesis, structure and testing of tetraketone biological activity, 2016-

Grant for EU-FP7 project preparation by the Council of Ministers BH, 2015, titled “Genetic testing and personalized therapy: Perspectives in biomedicine and ethics”, 2015-2017.

Grant for EU-FP7 project preparation by the Council of Ministers BH, 2014, titled: “Personalized Healthcare for the European Citizen – a Pan-European Trans-disciplinary Network”, 2014- 2015. –

Grant for EU-FP7 project preparation by the Council of Ministers BH, 2013, titled: “Personalized Therapy of Type 2 Diabetes Through European Research Network”, 2013-2014. - Grant by the Federal Ministry for Education and Science of Bosnia and Herzegovina, “Pharmacogenetic factors associated with optimal therapy of Type 2 diabetes”, 2012-2014. –

Grant for EU-FP7 project preparation by the Council of Ministers BiH, titled: “Genetic Variations of Drug-metabolizing enzymes in Type 2 Diabetes”, 2010-2011. –

Grant for EU-FP7 project preparation by the Council of Ministers BiH, in the area of Characterization of Genetic Variation in European Populations for Safe and Efficient treatment of Diabetes and Prevention from Cardiovascular Disease, 2009-2010.:

Bilateral project Slovenia - Bosnia and Herzegovina „Genetic polymorphisms associated with metabolic syndrome“, , 2008-2010.

Central European Exchange Program for University Studies (CEEPUS) Project: “Novel diagnostic and therapeutic approaches to complex genetic disorders”, 2012- Present.

Grant of Cantonal Ministry for education and science Canton Sarajevo „AST, ALT, and AP as potential biomarkers in progression and prognosis of type 1 and type 2 diabetes mellitus“, 2007- 2009.

### Publications

#### Journal Publications

1. Gurbeta L, Dzemic Z, **Bego T**, Sejdic E, Badnjevic A. Testing of Anesthesia Machines and Defibrillators in Healthcare Institutions. *Journal of Medical Systems*, 41 (9), 133-142.
2. Malenica M, Šilar M, Dujic T, **Bego T**, Semiz S, Škrbo S, Pmjavorav B, Causevic A. Importance of inflammatory markers and IL-6 for diagnosis and follow up of patients with type 2 diabetes mellitus. *Med Glas (Zenica)* 2017; 14(2): 169-175
3. Malenica, M., Pmjavorac, B., **Bego, T.**, Dujic, T., Semiz, S., Skrbo, S., ... & Causevic, A. Effect of Cigarette Smoking on Haematological Parameters in Healthy Population. *Medical Archives*, 71(2), 132.

4. Malenica M, Prnjavorac B, Causevic A, Dujic T, **Bego T**, Semiz S. Use of Databases for Early Recognition of Risk of Diabetic Complication by Analysis of Liver Enzymes in Type 2 Diabetes Mellitus, *Acta Inform Med*. 2016 Apr; 24(2): 90–93.
5. Dujic T, Causevic A, **Bego T**, Malenica M, Velija-Asimi Z, Pearson ER, Semiz S, Organic cation transporter 1 variants and gastrointestinal side effects of metformin in patients with Type 2 diabetes, *Diabetic Medicine* 2016 Apr 33 (4): 511-514
6. **Bego T**, Dujic T, Mlinar B, Semiz S, Malenica M, Prnjavorac B, Ostanek B, Marc J, Čaušević-Ramoševac A, Čaušević A. Association of LPIN1 gene variations with markers of metabolic syndrome in population from Bosnia and Herzegovina. Official publication of the Medical Association of Zenica-Doboj Canton. 2015;12:113-121
7. L. Kovacevic, K. Tambets, A. Ilumäe, A. Kushniarevich, B. Yunusbayev, A. Solnik, **Bego T**, D. Primorac, V. Skaro, A. Leskovac, Z. Jakovski, K. Drobnic, H. Tolk, S. Kovacevic, P. Rudan, E. Metspalu, D. Marjanovic. Standing at the gateway to Europe—the genetic structure of Western Balkan populations based on autosomal and haploid markers, *PLoS One*. 2014 Aug 22;9(8)
8. Semiz S, Dujic T, Velija-Asimi Z, Prnjavorac B, **Bego T**, Ostanek B, Marc J, Causevic A. Effects of Melatonin Receptor 1B Gene Variation on Glucose Control in Population from Bosnia and Herzegovina. *Experimental and Clinical Endocrinology and Diabetes*. 2014; 122(6):350-5.
9. Dujic T., **Bego T.**, Mlinar B., Semiz S., Malenica M., Prnjavorac B., Ostanek B, Marc J., Causevic A. Effects of the PPARG gene polymorphisms on markers of obesity and the metabolic syndrome in Bosnian subjects. *Journal of Medical Biochemistry*. 2014; 33: 323-332
10. Dujic T., **Bego T.**, Mlinar B., Semiz S., Malenica M., Prnjavorac B., Marc J., Causevic A. Association between 11β-hydroxysteroid dehydrogenase type 1 gene polymorphisms and metabolic syndrome in Bosnian population. *Biochemia Medica*. 2012; 22(1):76–85
11. Semiz S., Dujic T., Ostanek B., Velija-Asimi Z., Prnjavorac B., **Bego T.**, Malenica M., Mlinar B., Heljic B., Marc J., Causevic A. Association of NAT2 polymorphisms with type 2 diabetes in population from Bosnia and Herzegovina. *Archives of Medical Research*. 2011; 42:311-317.
12. Prnjavorac B., Abduzaimovic K., Jukic J., Sejdinovic R., Mujaric E., Irejiz N., Hadzovic-Dzuvo A., Jadric R., Čaušević A., Semiz S., **Bego T.**, Malenica M. Use of amino-terminal pro-B type natriuretic peptide as the parameter for long term monitoring of water overload in patient with chronic kidney disease. Official publication of the Medical Association of Zenica-Doboj Canton. 2011;8:116-20.
13. Semiz S., Dujic T., Ostanek B., Prnjavorac B., **Bego T.**, Malenica M., Mlinar B., Marc J., Causevic A. Analysis of CYP3A4\*1B and CYP3A5\*3 polymorphisms in population of Bosnia and Herzegovina. Official publication of the Medical Association of Zenica-Doboj Canton. 2011;8:84-9.
14. **Bego T.**, Dujic T., Mlinar B., Semiz S., Malenica M., Prnjavorac B., Ostanek B., Marc J., Causevic A. Association of PPARG and LPIN1 gene polymorphisms with metabolic syndrome and type 2 diabetes. Official publication of the Medical Association of Zenica-Doboj Canton. 2011;8:76-83.
15. Semiz S., Dujic T., Ostanek B., Prnjavorac B., **Bego T.**, Malenica M., Marc J., Causevic A. Analysis of CYP2C9\*2, CYP2C19\*2, and CYP2D6\*4 polymorphisms in patients with type 2 diabetes mellitus, *Bosnian Journal of Basic Medical Sciences*, 2010;10:287-91.
16. Čaušević J.A., Semiz S., Macić-Džanković A., Cico B., Dujic T., Malenica M., **Bego T.** Relevance of uric acid in progression of type 2 diabetes mellitus. *Bosnian Journal of Basic Medical Sciences*, 2010; 10: 54-59
17. **Bego T.**, Causevic A., Semiz S., Dujic T., Malenica M., Leches, maggots and bees in treatment for chronic wounds. *Journal of Society for Development of Teaching and Business Processes in New Net Environment in B&H*, 2008; 3: 83-90
18. Causevic A, **Bego T**, Malenica M, Gusinjac M. Diagnostic Value Of Serum Bilirubin Levels In Prediabetes And Newly Discovered Diabetes-gender Differences. *Clini Chemi Lab Med.*, 2017; 53 (special suppl 55): S1021.
19. A Gusic, A Hadzic, **T Bego**, T Dujic, A Causevic. Effect Of Cigarette Smoking On Hematological Parameters In Healthy Population. *Clini Chemi Lab Med.*, 2017; 53 (special suppl 55): S712
20. Prnjavorac B, Sejdinovic R, Jusufovic E, Mehic J, Bedak O, Fejzic J, Irejiz N, Malenica M, **Bego T**, Dujic T, Čaušević A, Hantalašević L, Mehmedovic A, Krajina K, Mujaric E, Šaranovic L. Septic pulmonary embolisms as a cause of acute respiratory distress syndrome, *European Respiratory Journal*, 2016; 48 (suppl 60).
21. Malenica M, Silar M, Dujic T, **Bego T**, Semiz S, Prnjavorac B, Causevic A. Diagnostic relevance of inflammatory markers in female patients with type 2 diabetes mellitus, *The FEBS Journal*. 2016; 283 (suppl. 1): 243
22. **Bego T**, Causevic A, Dujic T, Malenica M, Velija-Asimi Z, Prnjavorac B, Nekvindova J, Palicka V, Marc J, Semiz S. Association of FTO gene variant (rs8050136) with markers of T2DM and obesity in population from Bosnia and Herzegovina and Kosovo, *The FEBS Journal*. 2016; 283 (suppl. 1): 357
23. Causevic A, Causevic-Ramoševac A, **Bego T**, Velija-Asimi Z, Semiz S. Association of GCKR and GALNT2 genetic variants with Type 2 diabetes-related traits in population from Bosnia and Herzegovina, *The FEBS Journal*. 2016; 283 (suppl. 1): 365
24. Halilovic L, **Bego T**, Causevic A, Hamad N, Velija Asim Z, Semiz S. Association of IRS1 genetic variation with type 2 diabetes and insulin resistance in patients from Bosnia and Herzegovina. *The FEBS Journal*. 2016; 283 (suppl. 1): 366
25. Hamad N, **Bego T**, Causevic A, Halilovic L, Velija Asimi Z, Semiz S. Effects of ADRA2A genetic variants on type 2 diabetes-related traits, *The FEBS Journal*. 2016; 283 (suppl. 1): 366

26. Dujic T, Causevic A, **Bego T**, Malenica M, Velija-Asimi Z, Pearson ER, Semiz S. **The OCT1 reduced-function polymorphisms are associated with common metformin-induced gastrointestinal side-effects**, *Diabetologia*, 2015; 58, S110-S110
27. Causevic A, Malenica M, **Bego T**, Dujic T, Prnjavorac B, Mandal S, Semiz. S The association between commonly used inflammatory markers and in prediabetes. *Clini Chemi Lab Med.*,2015; 53 (special suppl): S605
28. Semiz S, **Bego T**, Sterner M, Dujic T, Velija Asimi Z, Prnjavorac B, Malenica M, Groop L, Causevic A. Associations of solute carrier transporters gene variations with markers of Type 2 Diabetes and its complications-gender specific? *Clini Chemi Lab Med.*,2015; 53 (special suppl): S650
29. **Bego T**, Semiz S, Velija-Asimi Z, Dujic T, Prnjavorac B, Causevic A. Association of common KCNJ11 gene polymorphism with type 2 diabetes in population from Bosnia and Herzegovina. *Clinical Chemistry and Laboratory Medicine*. 2014; 52(special suppl): S645
30. Maglic H, Semiz S, **Bego T**, Dujic T, Velija-Asimi Z, Prnjavorac B, Causevic A. Association of TCF7L2 gene variation with markers of long-term complications in type 2 diabetes. *Clinical Chemistry and Laboratory Medicine*. 2014; 52(special suppl): S683
31. Malenica M, Causevic A, Silar M, Dujic T, **Bego T**, Prnjavorac B, Semiz S. Diagnostic relevance of inflammatory markers in prediabetic patients. *Clini Chemi Lab Med.*,2015; 53 (special suppl): S646
32. Prnjavorac B, Deljkic, A Mehmedovic A, Sinanovic A, Sejdinovic R Jukic J, Krajina K, **Bego T**, Malenica M, Dujic T, Causevic A, Semiz, S Saranovic L, Mujaric E, Mehic J, Fejzic J. Use of intracutane skin test, total and specific IgE as diagnostic preparation of long term immunotherapy for asthmatic subjects. *ALLERGY*.2014; 69, 334-335
33. Prnjavorac B, Deljkic A, Sinanovic A, Mehmedovic A, Sejdinovic R, Jukic J, Krajina K, **Bego T**, Dujic T, Malenica M, Causevic A, Semiz S, Saranovic L, Mujaric E, Marc J, Ostanek B, Jusufovic E. Combination of immunotherapy, systemic and local antiinflammatory treatment for skin atopic dermatitis. *ALLERGY*. 2014; 69, 504-504
34. Prnjavorac B, Deljkic A, Sinanović A, Sejdinović R, Mehedović A, Jukić J, Krajina K, Šaranović L, Irejiz N, Kašibović I, **Bego T**, Malenica M, Dujic T, Semiz S, Čaušević A. Anaphylaxis during specific subcutaneous immunotherapy against ragweed allergen–case record. *Clinical and Translational Allergy*, 2014 4 (supp3) p75.
35. Malenica M, Causevic A, **Bego T**, Dujic T, Prnjavorac B, Mandal S, Semiz S. The association between yglutamyltransferase, aspartate aminotransferase, alanine aminotransferase and alkaline phosphatase and uric acid in patients with Type 2 diabetes mellitus. *Clini Chemi Lab Med.*,2014; 52 (special suppl): S7685
36. Semiz S, **Bego T**, Dujic T, Velija-Asimi Z, Prnjavorac B, Malenica M, Causevic A The effect of gender on association of melatonin receptor 1B gene variation with Type 2 diabetes-related traits. *Clini Chemi Lab Med.*,2014; 52 (special suppl): S706
37. Badnjevic A, Koruga, D Cifrek M, Smith H, **Bego T**. Interpretation of pulmonary function test results in relation to asthma classification using integrated software suite. *Information & Communication Technology Electronics & Microelectronics (MIPRO)*. 2013: 140-144.
38. Prnjavorac B, Sejdinovic R, Deljkic A, Avdic D, Sinanovic A, Causevic A, Semiz S, Dujic, **T Bego T**, Malenica M. **Comparison of effect of subcutaneous immunotherapy with single or multiple allergens given in the same time**. *ALLERGY*, 2013; 68, 549-549
39. Malenica, M., Causevic, A., Semiz, S., Dujic, T., **Bego, T.**, Mandal Š., Krzić S., Brković S., Selimagić M., Krišto A. Primjena Point of care sistema (POCT) u apotekarskoj praksi Kantona Sarajevo. I Simpozij magistara farmacije Kantona Sarajevo, oktobar 2013: 17-22
40. Mandal Š., Čaušević A., Malenica M., **Bego T.**, Prnjavorac B., Semiz S. Effects of Type 2 diabetes and glucosa control on plasma levels of free fatty acids. *Balkan Journal of Clinical Laboratory*, 2013; 21: 57-68.
41. Semiz S., Kosatica M., Dujic T., **Bego T.**, Malenica M., Causevic-Ramosevac A., Velija-Asimi Z., Prnjavorac B., Causevic A. Effects af CETP and TRIB1 gene variations on marcers of insuline resistance and dislipydemia in Bosnian population. *Biochimica clinica*, 2013; 37: 578
42. Malenica M., Mandal S., Semiz S., Prnjavorac B., **Bego T.**, Dujic T., Causevic A. Correlation of glucose and glycosylated hemoglobin with palmitic, stearic and oleic acid concentrations in patients with Type 2 diabetes. *Biochimica clinica*, 2013; 37: 591
43. **Bego T.**, Mandal S., Dujic T., Mlinar B., Semiz S., Malenica M., Prnjavorac B., Ostanek B., Marc J., Causevic A. Association of LPIN1 gene variants with fatty acids in Bosnian population with metabolic syndrome. *Biochimica clinica*, 2013; 37: 591
44. Semiz S., Dujic T., **Bego T.**, Malenica M., Velija-Asimi Z., Prnjavorac B., Causevic A. Effects of melatonin receptor 1B gene variation on glucose control in population from Bosnia and Herzegovina. *The FEBS Journal*. 2013; 280 (suppl. 1): 296
45. Dujic T., Semiz S., Velija-Asimi Z., Prnjavorac B, **Bego T**, Malenica M., and Causevic A. APOB and ABCA1 gene polymorphisms in Bosnian patients with type 2 diabetes. *The FEBS Journal*. 2013; 280 (suppl. 1): 287-288
46. Prnjavorac B., Sejdinovic R., Hondo E., Causevic A., Semiz S., Malenica M., **Bego T.**, Dujic T. **Correlation of changes of IgE with skin reactivity and clinical outcome during specific immunotherapy against home dust in asthmatic subjects** *European Respiratory Journal*, 40, Suppl 56, P1964, 2012
47. Tambets K, Kovacevic L, Primorac D, Lauc G, Leskovac A, Jakovski Z, Drobnic K, Kovacevic S, **Bego T**, Metspalu E, Marjanovic D, Villems R. (2012): The Genetic Structure of Western Balkan Population Based on Autosomal and Haploid Markers. Book of abstracts of The American Society of Human Genetics, 2012. (abstract no. 3286)

48. Mandal, S., Causevic, A., Malenica, M., Dujic, T., **Bego, T.**, Prnjavorac, B., Semiz, S. Free fatty acids possible biomarkers in control and progression of prediabetes to type 2 diabetes. *Diabetologia*, 2012; 55 (suppl.1): 260
49. Malenica, M., Mandal, S., Causevic, A., Semiz, S., Dujic, T., **Bego, T.**, Prnjavorac B. Correlation between liver enzymes and free fatty acid levels in patients with type 2 diabetes. *The FEBS Journal*. 2012; 279 (suppl. 1):113
50. Semiz, S., Dujic, T., Ostanek, B., Velija-Asimi, Z., Prnjavorac, B., **Bego, T.**, Malenica, M., Mlinar, B., Heljic, B., Marc, J., Causevic, A. Variations and association of NAT2 gene with type 2 diabetes. *Clinical Chemistry*, 2011; 57 (suppl. 10): A188-189
51. Malenica-Grgic, M., Mandal, S., Semiz, S., Prnjavorac, B., **Bego, T.**, Dujic, T., Causevic, A. Correlation between liver enzymes and lipids levels in patients with type 2 diabetes. *The FEBS Journal*, 2011; 278 (suppl. 1): 183
52. **Bego, T.**, Dujic, T., Mlinar, B., Semiz, S., Malenica, M., Prnjavorac, B., Ostanek, B., Marc, J., Causevic, A. Analysis of PPARG gene polymorphisms in patients with metabolic syndrome and type 2 diabetes from Bosnia and Herzegovina. *The FEBS Journal*, 2011; 278 (suppl. 1): 175
53. Prnjavorac B., Causevic A., Semiz S., Dujic T., **Bego T.**, Irejz N., Sejdinovic R. Analysis of C reactive protein (CRP) and fibrinogen as possible predictors of secondary fibrosis in pulmonary tuberculosis. *European Respiratory Journal*, 2011; 38 (suppl. 55): 806-807s
54. Prnjavorac, B., Causevic, A., Semiz, S., Dujic, T., Malenica, M., Mujaric, E., **Bego, T.** Analysis of IgE and C-reactive protein as possible predictors of exacerbation patients with asthma. *European Respiratory Society* 2011;5128
55. Malenica, M., Causevic, A., **Bego, T.**, Dujic, T., Semiz, S. Gender differences in AST and GGT enzyme activity in DM2 and prediabetes patients with respect to defined cutt off value of HbA1C. *Clin Chem Lab Med* 2011; 49, p390
56. Dujic, T., **Bego, T.**, Mlinar, B., Semiz, S., Malenica, M., Prnjavorac, B., Ostanek, B., Marc, J., Causevic, A. Association between PRO12ALA polymorphism of the PPARG gene and metabolic syndrome in Bosnian population. *Clin Chem Lab Med* 2011; 49,p376
57. Causevic A, Semiz S., Malenica, M., Dujic, T., **Bego, T.**, Djankovic-Macic, A. Diagnostic relevance of urine and serum uric acid in progression of type 2 diabetes mellitus- Therapy and gender differences. *Clin Chem Lab Med* 2011; 49,p373
58. Semiz, S., Dujic, T., **Bego, T.**, Ostanek, B., Velija-Asimi, Z., Prnjavorac, B., Malenica, M., Mlinar, B., Marc, J., and Causevic, A. Genetic Variations of Drug-metabolizing Enzymes in Population from Bosnia and Herzegovina. *Book of abstract of the 7th ISABS Conference on Forensic, Anthropologic and Medical Genetics*, 2011; 210.
59. Dujic, T., Mlinar, B., **Bego, T.**, Causevic, A., Prnjavorac, B., Pfeifer, M., Marc, J. Lipin 1 and peroxisome proliferator-activated receptor gamma genes polymorphisms in Slovenian and Bosnian healthy populations. *Obesity Reviews*, 2010; 11 (suppl. 1): 148.
60. **Bego, T.**, Dujic, T., Mlinar, B., Semiz, S., Malenica, M., Prnjavorac, B., Marc, J., Causevic, A. Lipin 1 gene polymorphisms in Bosnian population with type 2 diabetes and metabolic syndrome. *The FEBS Journal*, 2010; 277: 74
61. Dujic, T., **Bego, T.**, Mlinar, B., Semiz, S., Malenica, M., Prnjavorac, B., Marc, J., Causevic, A. HSD11B1 gene polymorphisms in Bosnian patients with type 2 diabetes and metabolic syndrome. *The FEBS Journal*, 2010; 277: 72
62. Čaušević, J.A., Semiz, S., Malenica, M., **Bego, T.**, Prnjavorac and Dujic, T. Activities of liver enzymes in prediabetes group of patients followed through one year period, sex and age differences (abstract). *Clinical Chemistry and Laboratory Medicine*, 2009; 47: S190-S191
63. Čaušević, J.A., Dujic, T., Semiz, S., **Bego, T.** and Malenica, M. The effects of ceftriaxone and diclofenac on viability and proliferation of lymphocytes isolated from diabetic patients (abstract). *The FEBS Journal*, 2009; 276 (S1): 259
64. Cosovic M, **Bego T**, Popovac A, Crnogorac V, Dzehverovic M, Avdic J, Kovacevic L, Marjanovic D Y STRs in progress of DNA identification WWII skeletal remains:case. *Book of abstract of the 6th Conference in Forensic Genetics and Molecular Antropology*, 2009; 78.
65. Ahmetaš L, **Bego T**, Hodžić B, Kovačević L, Marjanović D. Different approaches for DNA analysis of old bone samples-preliminary results. *Book of abstract of the Fifth Conference in Forensic Genetics and Molecular Antropology*, 2009; 116..

### Professional articles and articles in national conference proceedings:

1. Alić, B., Gurbeta, L., Badnjević, A., Badnjević-Čengić, A., Malenica, M., Dujic, T., ... & **Bego, T.** Classification of metabolic syndrome patients using implemented expert system. *CMBEBIH 2017*, 601-607.
2. Divanović, H., Mulić, D., Padalo, A., Rastoder, E., Pedljak, Š., Žiga, N., & **Bego, T.** (2017). Effects of electrical stimulation as a new method of treating diabetes on animal models. *CMBEBIH 2017*, 253-258.
3. Alibegović, S., Čaušević, A., Kulaš, S., Kranjc, T., Marc, J., & **Bego, T.** The use of ELM and MnM servers for the prediction of RANK function in osteoclast formation. *CMBEBIH 2017*, 372-378.

4. Sejdinović, D., Gurbeta, L., Badnjević, A., Malenica, M., Dujic, T., Čaušević, A., **Bego, T.**, ... & Mehmedović, L. D. (2017). Classification of prediabetes and type 2 diabetes using artificial neural network. *CMBEBIH 2017*, 685-689
5. **Bego T**, Causevic A, Dujic T, Malenica M, Velija-Asimi Z, Prnjavorac B, Nekvindova J, Semiz S. Association of TCF7L2 genetic variant (rs7903146) with type 2 diabetes, Book of abstracts of Congress of the Croatian Society of Biochemistry and Molecular Biology - HDBMB2016, 2016; 69.
6. Foco-Solak J, Tihic-Kapidzic S, Causevic A, Malenica M, **Bego T**. Influence of type sample on results of C-reactive protein in premature infants, Book of abstracts of Congress of the Croatian Society of Biochemistry and Molecular Biology - HDBMB2016, 2016; 76.
7. Hasanefendic B, Konjo H, Hajro S, Klapuh-Bukvic N, Tihic-Kapidzic S, Avdagic L, Begovic E, Haskovic D, **Bego T**. The importance of comparing the results of platelet count and MPV diagnosis of pseudothrombocytopenia between 4 hematology analyzers, Book of abstracts of Congress of the Croatian Society of Biochemistry and Molecular Biology - HDBMB2016, 2016; 82
8. Malenica, M., Čaušević, A., Semiz, S., Dujic, T., Bego, T., "Biomarkers of Cardiovascular Risk", Proceedings of IX Symposium of BH Pharmacists, Sarajevo, 2012.
9. Semiz, S., Causevic, J.A., Malenica, M., Dujic, T., and **Bego, T.**, Drug-induced Hypertension, Proceedings of 3rd Pharmacy Symposium FBH, 153-156, 2008.
10. Malenica, M., Causevic, J.A., Semiz, S., Dujic, T., and **Bego, T.**, Effects of Antihypertensive Medications on Lipid Metabolism, Proceedings of 3rd Pharmacy Symposium FBH, 116-118, 2008.
11. Semiz, S., Causevic, J.A., Dujic, T., Malenica, M., Bego, T. Pharmacogenetics and personalized medicines, Book of publications of the Second Pharmacy Symposium FBH, 80 - 86, 2008.

## Presentations

1. Causevic A, **Bego T**, Malenica M, Gusinjac M. Diagnostic Value Of Serum Bilirubin Levels In Prediabetes And Newly Discovered Diabetes-gender Differences. EuroMedLab Congress Athens, Greece, June 11-15, 2017.
2. A Gusic, A Hadzic, **T Bego**, T Dujic, A Causevic. Effect Of Cigarette Smoking On Hematological Parameters In Healthy Population. EuroMedLab Congress Athens, Greece, June 11-15, 2017.
3. Alić, B., Gurbeta, L., Badnjević, A., Badnjević-Čengić, A., Malenica, M., Dujic, T., ... & **Bego, T**. Classification of metabolic syndrome patients using implemented expert system. *CMBEBIH 2017*, Sarajevo, BIH, March 16-18, 2017
4. Divanović, H., Mulić, D., Padalo, A., Rastoder, E., Pedljak, Š., Žiga, N., & **Bego, T.** (2017). Effects of electrical stimulation as a new method of treating diabetes on animal models. Sarajevo, BIH, March 16-18, 2017
5. Alibegović, S., Čaušević, A., Kulaš, S., Kranjc, T., Marc, J., & **Bego, T.** The use of ELM and MnM servers for the prediction of RANK function in osteoclast formation. Sarajevo, BIH, March 16-18, 2017
6. Sejdinović, D., Gurbeta, L., Badnjević, A., Malenica, M., Dujic, T., Čaušević, A., **Bego, T.**, ... & Mehmedović, L. D. (2017). Classification of prediabetes and type 2 diabetes using artificial neural network. Sarajevo, BIH, March 16-18, 2017
7. Prnjavorac B, Sejdinovic R, Jusufovic E, Mehic J, Bedak O, Fejzic J, Irejiz N, Malenica M, **Bego T**, Dujic T, Causevic A, Hantalašević L, Mehmedovic A, Krajina K, Mujaric E, Šaranovic L. **Septic pulmonary embolisms as a cause of acute respiratory distress syndrome**, ERS International Congress London, United Kingdom, September 03-07, 2016.
8. Malenica M, Silar M, Dujic T, **Bego T**, Semiz S, Prnjavorac B, Causevic A. Diagnostic relevance of inflammatory markers in female patients with type 2 diabetes mellitus, 41th FEBS Congress, Ephesus/Kusadasi, Turkey September 3 – 8, 2016.
9. **Bego T**, Causevic A, Dujic T, Malenica M, Velija-Asimi Z, Prnjavorac B, Nekvindova J, Palicka V, Marc J, Semiz S. Association of FTO gene variant (rs8050136) with markers of T2DM and obesity in population from Bosnia and Herzegovina and Kosovo, 41th FEBS Congress, Ephesus/Kusadasi, Turkey September 3 – 8, 2016
10. Causevic A, Causevic-Ramosevac A, **Bego T**, Velija-Asimi Z, Semiz S. Association of GCKR and GALNT2 genetic variants with Type 2 diabetes-related traits in population from Bosnia and Herzegovina, 41th FEBS Congress, Ephesus/Kusadasi, Turkey September 3 – 8, 2016
11. Halilovic L, **Bego T**, Causevic A, Hamad N, Velija Asim Z, Semiz S. Association of IRS1 genetic variation with type 2 diabetes and insulin resistance in patients from Bosnia and Herzegovina. 41th FEBS Congress, Ephesus/Kusadasi, Turkey September 3 – 8, 2016
12. Hamad N, **Bego T**, Causevic A, Halilovic L, Velija Asimi Z, Semiz S. Effects of ADRA2A genetic variants on type 2 diabetes-related traits. 41th FEBS Congress, Ephesus/Kusadasi, Turkey September 3 – 8, 2016
13. S. Semiz, T. Bego, M. Stermer, T. Dujic, Z. Velija-asimi, B. Prnjavorac, M. Malenica, L. Groop, A. Causevic, associations of solute carrier transporters gene variations with markers of type 2 diabetes and its complications – gender specific?; IFCC-EFLM EuroMedLab Paris 2015 Congress, Paris,

France, June 21-25, 2015.

14. A. Causevic, M. Malenica, T. Bego, T. Dujic, B. Prnjavorac, S. Mandal, S. Semiz, the association between commonly used inflammatory markers and uric acid in prediabetes; IFCC-EFLM EuroMedLab Paris 2015 Congress, Paris, France, June 21-25, 2015.
15. M. Malenica, A. Causevic, M. Silar, T. Dujic, **T. Bego**, B. Prnjavorac, S. Semiz, diagnostic relevance of inflammatory markers in prediabetic patients; IFCC-EFLM EuroMedLab Paris 2015 Congress, Paris, France, June 21-25, 2015.
16. Dujic, T., Causevic, A., **Bego T.**, Malenica, M., Velija-Asimi, Z., Pearson, E.R., Semiz, S., The OCT1 reduced-function polymorphisms are associated with metformin-induced gastrointestinal side-effects, 51st Annual Meeting of the European Association for the Study of Diabetes (EASD), Stockholm, Sweden, 14-18.09.2015.
17. Prnjavorac, B., Abduzaimović, K., Sinanović, A., Karahmet, E., **Bego, T.**, Dujic, T., Malenica, M., Semiz, S., Čaušević, A., and Krajina, K., Importance of measurement of basal and provoked insulinemia for prescribing of insulin therapy schedules, The First Endocrinology and Diabetes Congress of Bosnia and Herzegovina, Sarajevo, April 23-26, 2015.
18. Mandal, S., Causevic, A., Malenica, M., **Bego, T.**, and Semiz, S., New Biomarkers in Precise Diagnostics and Therapy of Type 2 Diabetes, The Third Congress of Pharmacists` of Bosnia and Herzegovina with international participation, Sarajevo, May 14-17, 2015.
19. Malenica, M., Semiz, S., Dujic, T., **Bego T.**, Prnjavorac, B., and Causevic, A., Effects of Smoking on Leucocytes` Status in Healthy Volunteers, The Third Congress of Pharmacists` of Bosnia and Herzegovina with international participation, Sarajevo, May 14-17, 2015.
20. **T. Bego**, T. Dujic, S. Semiz, M. Malenica, and. A. Causevic, Analyses of genetic variants associated with metabolic syndrome and type 2 diabetes, 2nd International Pharmaceutical Conference "Contemporary Developments in Pharmacy", Prizren, Kosovo, September 19-21, 2014.
21. Malenica, M., Causevic, A., **Bego, T.**, Dujic, T., Prnjavorac, B., Semiz, S., Association between body mass index and inflammatory markers in patients with T2D undergoing diet regime for diabetes, 2nd International Pharmaceutical Conference "Contemporary Developments in Pharmacy", Prizren, Kosovo, September 19-21, 2014.
22. **T. Bego**, T. Dujic, B. Mlinar, S. Semiz, M. Malenica, B. Prnjavorac, S. Mandal, B. Ostanek, J. Marc, and. A. Causevic, Analysis of PPARG and LPIN1 gene variants associated with traits of metabolic syndrome and with fatty acids levels in Bosnian population, CEEPUS – Summer School, organised by the CEEPUS network – Novel diagnostic and therapeutic approaches to complex genetic disorders, Portoroz, Slovenia, August 23-29, 2014.
23. S. Semiz, **T. Bego**, T. Dujic, Z. Velija-Asimi, B. Prnjavorac, M. Malenica, and A. Causevic, The effect of gender on association of melatonin receptor 1B gene variation with Type 2 diabetes-related traits, IFCC Worldlab 2014 Congress, Istanbul, Turkey, 22-26 June, 2014. (oral presentation).
24. **T. Bego**, S. Semiz, Z. Velija-Asimi, T. Dujic, B. Prnjavorac, and A. Causevic, Association of common KCNJ11 gene polymorphism with Type 2 diabetes in population from Bosnia and Herzegovina, IFCC Worldlab 2014 Congress, Istanbul, Turkey, 22-26 June, 2014.
25. H. Maglic, S. Semiz, **T. Bego**, T. Dujic, Z. Velija-Asimi, B. Prnjavorac, and A. Causevic, Association of TCF7L2 gene variation with markers of long-term complications in Type 2 diabetes, IFCC Worldlab 2014 Congress, Istanbul, Turkey, 22-26 June, 2014.
26. Malenica M., Causevic A., **Bego T.**, Dujic T., Prnjavorac B., Mandal S., and Semiz S., Association of  $\gamma$ -glutamyltransferase, aspartate aminotransferase, alanine aminotransferase and alkaline phosphatase with uric acid levels in patients with Type 2 diabetes, IFCC Worldlab 2014 Congress, Istanbul, Turkey, 22-26 June, 2014.
27. Semiz, S., T. Dujic, **T. Bego**, Z. Velija-Asimi, B. Prnjavorac, A. Causevic-Ramosevac, M. Malenica, and A. Causevic, Association of common genetic variants with markers of Type 2 diabetes in population from Bosnia and Herzegovina, 3rd International Molecular Biology and Biotechnology Congress, Sarajevo, Bosnia and Herzegovina, June 2-6, 2014.
28. B. Prnjavorac, A. Deljkic, A. Mehmedovic, A. Sinanovic, R. Sejdinovic, J. Jukic, K. Krajina, **T. Bego**, M. Malenica, T. Dujic, C. Adlija, S. Semiz, L. Saranovic, E. Mujaric, J. Mehic, J. Fejzic, Use of intracutane skin test, total and specific IgE as diagnostic preparation of long term immunotherapy for asthmatic subjects, the European Academy of Allergy and Clinical Immunology Congress, 7–11 June 2014, Copenhagen, Denmark.
29. Prnjavorac, B., Deljkic, A., Sinanović, A., Sejdinović, R., Mehedović, A., Jukić, J., Krajina, K., Šaranović, L., Irejiz, N., Kašibović, I., **Bego, T.**, Malenica, M., Dujic, T., Semiz, S., and Čaušević, A., Anaphylaxis during specific subcutaneous immunotherapy against ragweed allergen-case record. 6th Drug Hypersensitivity Meeting (DHM 6), Bern, Switzerland. 9-12 April 2014.
30. Semiz, S., T. Dujic, **T. Bego**, Z. Velija-Asimi, B. Prnjavorac, M. Malenica, and A. Causevic, Association of common genetic variants with markers of insulin resistance in Bosnian population, 10th Balkans Congress and the 2nd Alpe Adria Meeting on Human Genetics, Bled, Slovenia; October 10-12, 2013.
31. M. Malenica, Causevic, A., Semiz, S., Dujic, T., **Bego, T.**, Mandal S., Krzic, S., Brkovic, S., Selimagic, M., and Kristo, Application of Point of Care Sytem in Pharmacy Practice in Canton Sarajevo, 1st Symposium of Pharmacists in Canton Sarajevo, Sarajevo, Bosnia and Herzegovina, October 26-27, 2013.
32. Malenica, M., Causevic, A., Semiz, S., Dujic, T., **Bego, T.**, Mandal Š., Krzić S., Brković S., Selimagić M., Krišto A, Point of care systems in pharmacy care, Zenica, BH, November, 2013.
33. Semiz, S., T. Dujic, Z. Velija-Asimi, B. Prnjavorac, T. Bego, M. Malenica, A. Causevic-Ramosevac, and A. Causevic, Analysis of common genetic polymorphisms associated with dyslipidemia in type 2 diabetic patients from Bosnia and Herzegovina, 21st Meeting of the Balkan Clinical Laboratory Federation, Budva, Montenegro, September, 2013.



34. S. Semiz, T. Dujic, **T. Bego**, M. Malenica, Z. Velija-Asimi, B. Prnjavorac, and A. Causevic, Effects of melatonin receptor 1B gene variation on glucose control in population from Bosnia and Herzegovina, 38th FEBS Congress, July 6 – 11, 2013, St. Petersburg, Russia
35. T. Dujic, S. Semiz, Z. Velija-Asimi, B. Prnjavorac, **T. Bego**, M. Malenica, A. Causevic, APOB and ABCA1 gene polymorphisms in Bosnian patients with type 2 diabetes, 38th FEBS Congress, July 6 – 11, 2013, St. Petersburg, Russia.
36. S. Semiz, M. Kosatica, T. Dujic, **T. Bego**, M. Malenica, A. Causevic-Ramosevac, Z. Velija-Asimi, B. Prnjavorac, and A. Causevic, Effects of CETP and TRIB1 gene variations on markers of insulin resistance and dyslipidemia in Bosnian population, 20th IFCC-EFLM European Congress of Clinical Chemistry and Laboratory Medicine, Milano, Italy, May 2013.
37. **T. Bego**, S. Mandal, T. Dujic, B. Mlinar, S. Semiz, M. Malenica, B. Prnjavorac, B. Ostanek, J. Marc, and A. A. Causevic, Association of LPIN1 gene variants with fatty acids in Bosnian population with metabolic syndrome, 20th IFCC-EFLM European Congress of Clinical Chemistry and Laboratory Medicine, Milano, Italy, May 2013.
38. M. Malenica, S. Mandal, S. Semiz, B. Prnjavorac, **T. Bego**, T. Dujic, and A. Causevic, Correlation of glucose and glycosylated hemoglobin with palmitic, stearic, and oleic acid concentrations in patients with type 2 diabetes, 20th IFCC-EFLM European Congress of Clinical Chemistry and Laboratory Medicine, Milano, Italy, May 2013.
39. Mandal, S., Causevic, A., Malenica, M., Dujic, T., **Bego, T.**, Prnjavorac, B., and Semiz, S. Free fatty acids possible biomarkers in control and progression of prediabetes to type 2 diabetes, 48th EASD Annual Meeting, Berlin, Germany, 2012.
40. Malenica, M., Mandal, S., Causevic, A., Semiz, S., Dujic, T., **Bego, T.**, Prnjavorac B. Correlation between liver enzymes and free fatty acid levels in patients with type 2 diabetes. 37th FEBS Congress, Sevilla, Spain, 2012.
41. Besim Prnjavorac, Rifat Sejdinovic, Enes Hondo, Adlija CauÅ, Sabina Semiz, Maja Malenica, **Tamer Bego**, Tanja Dujic, Correlation of changes of IgE with skin reactivity and clinical outcome during specific immunotherapy against home dust in asthmatic subjects, 22nd Annual Congress of European Respiratory Society, Vienna, Austria 1–5 September 2012.
42. Dujic, T., **Bego, T.**, Mlinar, B., Semiz, S., Malenica, M., Prnjavorac, B., Ostanek, B., Marc, J., and Causevic, A., PPARG Polymorphisms and their Association with Markers of Obesity and Metabolic Syndrome, Second Congress of Pharmacists of Bosnia and Herzegovina with International Participation, Banja Luka, November 17-20, 2011.
43. **Bego, T.**, Dujic, T., Mlinar, B., Semiz, S., Malenica, M., Prnjavorac, B., Ostanek, B., Marc, J., and Causevic, A., Association of PPARG and LPIN1 Gene Polymorphisms with Type 2 Diabetes, Second Congress of Pharmacists of Bosnia and Herzegovina with International Participation, Banja Luka, November 17-20, 2011.
44. Malenica, M., Causevic, A., Semiz, S., Dujic, T., Bego, T., Mandal, S., and Prnjavorac, B., Aminotransferases (AST & ALT) as Potential Biomarkers in Type 2 Diabetes, Second Congress of Pharmacists of Bosnia and Herzegovina with International Participation, Banja Luka, November 17-20, 2011.
45. Semiz, S., Dujic, T., Ostanek, B., Velija-Asimi, Z., Prnjavorac, B., **Bego, T.**, Malenica, M., Mlinar, B., Heljic, B., Marc, J., and Causevic, A. Variations and Association of NAT2 gene with Type 2 Diabetes, American Association for Clinical Chemistry (AACC) Annual Meeting, Atlanta, Georgia, USA, July 24-28, 2011
46. Prnjavorac, B., Causevic, A., Semiz, S., Dujic, T., Malenica, M., Mujaric, E., **Bego, T.**, Analysis of IgE and C-reactive protein as possible predictors of exacerbation patients with asthma. European Respiratory Society Annual Congress, Amsterdam, Netherlands, September 24-28, 2011.
47. Prnjavorac, B., Causevic, A., Semiz, S., Dujic, T., **Bego, T.**, Irejz N., and Sejdinovic, R., Analysis of C-reactive protein and fibrinogen as possible predictors of secondary fibrosis in pulmonary tuberculosis, European Respiratory Society Annual Congress, Amsterdam, Netherlands, September 24-28, 2011.
48. Malenica-Grgic M., Mandal, S., Semiz, S., Prnjavorac, B., **Bego T.**, Dujic, T., and Causevic, A., Correlation Between Liver Enzymes and Lipid Levels in Patients with Type 2 Diabetes, 36th FEBS Congress "Biochemistry for Tomorrow's Medicine", Torino, Italy, 25-30 June 2011.
49. Semiz, S., Dujic, T., **Bego, T.**, Ostanek, B., Velija-Asimi, Z., Prnjavorac, B., Malenica, M., Mlinar, B., Marc, J., and Causevic, A. Genetic Variations of Drug-metabolizing Enzymes in Population from Bosnia and Herzegovina, the Seventh ISABS Conference on Forensic, Anthropologic and Medical Genetics, Bol, Island of Brac, Croatia, June 20-24, 2011.
50. **Bego, T.**, Dujic, T., Mlinar, B., Semiz, S., Malenica, M., Prnjavorac, B., Ostanek, B., Marc, J., and Causevic, Analysis of PPARG Gene Polymorphisms in Patients with Metabolic Syndrome and Type 2 Diabetes from Bosnia and Herzegovina, 36th FEBS Congress "Biochemistry for Tomorrow's Medicine", Torino, Italy, 25-30 June 2011.
51. Causevic, A., Semiz, S., Malenica, M., Dujic, T., **Bego, T.**, and Djankovic-Macic, A. Diagnostic Relevance of urine and serum uric acid in progression of Type 2 diabetes mellitus – therapy and gender differences, IFCC (International Federation of Clinical Chemistry and Laboratory Medicine) Congress, Berlin, Germany, 15-19 May, 2011.
52. Dujic, T., **Bego, T.**, Mlinar, B., Semiz, S., Malenica, M., Prnjavorac, B., Ostanek, B., Marc, J., and Causevic, A., Association between Pro12Ala polymorphisms of the PPARG gene and metabolic syndrome in Bosnian population, IFCC (International Federation of Clinical Chemistry and Laboratory Medicine) Congress, Berlin, Germany, 15-19 May, 2011.
53. Malenica, M., Causevic, A., **Bego, T.**, Dujic, T., Semiz, S., Gender Differences in AST and GGT Enzyme Activity in DM2 and Prediabetes Patients with Respect to Defined Cut off value of HbA1c, IFCC (International Federation of Clinical Chemistry and Laboratory Medicine) Congress, Berlin,

Germany, 15-19 May, 2011.

54. Semiz, S., Dujic, T., **Bego, T.**, Ostanek, B., Prnjavorac, B., Malenica, M., Mlinar, B., Marc, J., iCausevic, A., Analysis of Genetic Variations in Diagnosis and Therapy of Type 2 Diabetes and Metabolic Syndrome, 1st Symposium of Geneticists in Bosnia and Herzegovina, Sarajevo, February 17-18, 2011.
55. Dujic, T., **Bego, T.**, Mlinar, B., Semiz, S., Malenica, M., Prnjavorac, B., Ostanek, B., Marc, J., and Causevic, A., Analysis of HSD11B1 Gene Polymorphisms in Patients with Metabolic Syndrome, 1st Symposium of Geneticists in Bosnia and Herzegovina, Sarajevo, February 17-18, 2011
56. **Bego, T.**, Dujic, T., Mlinar, B., Semiz, S., Malenica, M., Prnjavorac, B., Ostanek, B., Marc, J., and Causevic, A., LPIN1 gene polymorphisms associated with metabolic syndrome and Type 2 diabetes, 1st Symposium of Geneticists in Bosnia and Herzegovina, Sarajevo, February 17-18, 2011.
57. Semiz, S. (Dujic, T., Ostanek, B., Prnjavorac, B., **Bego, T.**, Malenica, M., Marc, J., and Causevic, A.) Analysis of Cytochrome P450 (CYP) Genetic Variations in Type 2 Diabetic Patients, ESF-UB Conference in Biomedicine "Pharmacogenetics and Pharmacogenomics: Practical Applications in Routine Medical Practice", SantFeliu de Guixols (Costa Brava), Spain, June 2010.
58. Maja Malenica, Sabina Semiz, Besim Prnjavorac, **Tamer Bego**, Tanja Dujic, Adlija Causevic, diagnostic relevance of liver enzymes in progression of controlled type 2 diabetes mellitus. 70th International Congress of FIP, Lisbon, Portugal, August 28-September 2, 2010.
59. Dujic, T., **Bego, T.**, Mlinar, B., Semiz, S., Malenica, M., Prnjavorac, B., Marc, J., and Causevic, A. HSD11B1 gene polymorphisms in Bosnian patients with type 2 diabetes and metabolic syndrome, 35th FEBS Congress, June 26-July 1, 2010, Gothenburg, Sweden.
60. **Bego, T.**, Dujic, T., Mlinar, B., Semiz, S., Malenica, M., Prnjavorac, B., Marc, J., and Causevic, A. Lipin1 gene polymorphisms in Bosnian patients with type 2 diabetes and metabolic syndrome, 35th FEBS Congress, June 26-July 1, 2010, Gothenburg, Sweden.
61. Causevic, Semiz, S., Djankovic-Macic, A., Selman, I., Malenica, M., Dujic, T., **Bego, T.**, and Cici, B. Urine uric acid- potential marker in progression of Type 2 diabetes. 1st Congress of Medical Biochemists of Bosnia and Herzegovina with international participation, Sarajevo, May 2010.
62. Semiz, S., Dujic, T., Ostanek, B., Prnjavorac, B., **Bego, T.**, Malenica, M., Marc, J., and Causevic, A. Significance of Cytochrome P450 (CYP) pharmacogenetics in Type 2 Diabetes Mellitus. 1st Congress of Medical Biochemists of Bosnia and Herzegovina with international participation, Sarajevo, May 2010.