

3.3 Društvena predavanja

Društvo redno vabi na predavanja priznanih tujih in domačih strokovnjakov s področja biokemije in molekularne biologije. Predavanja navadno potekajo v inštitucijah v Ljubljani, vabila pa člani društva prejemajo po elektronski pošti. Na tem mestu smo zbrali seznam vseh društvenih predavanj.

1986

1. 3. april, Institut »Jožef Stefan«. Vladimir Glišin (Centar za genetično inženirstvo, Beograd, Jugoslavija): Penicilin acilaza: od gena do komercialne primene.

1989

2. 29. marec, Institut za biokemijo, Medicinska fakulteta, Univerza v Ljubljani. Jasenka Pigac (RO PLIVA Istraživački institut, Zagreb, Jugoslavija): Strukturna stabilnost plazmida kod streptomiceta.

1990

3. 10. maj, Institut za biokemijo, Medicinska fakulteta, Univerza v Ljubljani. **Bronja Črešnar** (Medicinska fakulteta, Univerza v Ljubljani): Sekvenca in analiza aktinskega gena v algi *Volvox carteri*.

4. 25. maj, Institut »Jožef Stefan«. Milton T. Stubbs (Max Planck Institut for Biochemistry, Martinsried, München, Nemčija): The interaction between human stefin B and papain- a crystallographic study.

5. 21. junij, Institut »Jožef Stefan«. Allan L. Bieber (Department of Chemistry, Arizona State University, Tempe, ZDA): Effects of Mojave toxin on neurotransmitter uptake and release in synaptosomes.

6. 28. junij, Institut »Jožef Stefan«. Francis S. Markland, jr. (University of Southern California, School of Medicine, Department of Biochemistry, ZDA): Blood clot dissolving enzyme from snake venom: possible clinical applications.

1991

7. 10. oktober, Institut »Jožef Stefan«. **Peter Maček** (Biotehniška fakulteta, Univerza v Ljubljani): *Ali citolitični toksini iz morskih vetrnic tvorijo pore v lipidnih membranah.*

1992

8. 30. januar, Institut »Jožef Stefan«. Martino Bolognesi (Dipartimento di Genetica e Microbiologia, Sezione di Cristallografia, Università di Pavia, Italija): Alternative ligand recognition processes in vertebrate globins: crystallographic approach.

9. 28. oktober, Institut »Jožef Stefan«. Eva Žerovnik (Institut »Jožef Stefan«, Ljubljana): Študij prvih stopenj pri zvitju proteinov s "stopped-flow" fluorescenco.

1993

10. 4. junij, Institut »Jožef Stefan«. Matic Legiša (Kemijski inštitut, Ljubljana): Spremembe v metabolizmu glive *Aspergillus niger*, ki vodijo do izločanja citronske kisline.

11. 21. junij, Institut "Jožef Stefan«. Marija Lah (CSIRO Division of biomolecular engineering, Parkville, Melbourne, Avstralija): Expression, characterization and crystallization of a recombinant anti-neuraminidase single-chain antibody.
12. 9. september, Institut "Jožef Stefan«. Edmond H. Fisher (Biochemistry Department, University of Washington, Seattle, ZDA): Cellular regulation by protein phosphorylation. Nobelov nagrajenec za fiziologijo in medicino leta 1992.
13. 7. december, Institut "Jožef Stefan«. Wolfram Bode (Max Planck Institute for Biochemistry, Martinsried, Nemčija): Crystal structures of the blood coagulation key enzyme thrombin: a way to understand its multiple functions.
14. 23. december, Institut "Jožef Stefan«. **Zoran Grubič** (Petofiziološki institut, Medicinska fakulteta, Univerza v Ljubljani): Inervacija s podganjim motonevronom *spremeni lokalizacijo acetilholinesteraze in njene mRNA v človeški mišici med sinaptotagmičnim procesom in vitro.*

1994

15. 16. februar, Institut "Jožef Stefan«. Djurdja Novak (Institut Rudjer Bošković, Zagreb, Hrvaška): Identifikacija antigena karcinoma dojke monoklonskim antitijelom CD1 315 B.
16. 11. marec, Institut "Jožef Stefan«. Igor Križaj (Institut "Jožef Stefan«): *Interakcije kačjih presinaptičnih nevrotoksinov z akceptorji v živčnem končiču.*
17. 8. julij, Institut "Jožef Stefan«. Hubertus M. Verheij (Department of Enzymology and Protein Engineering, Center for Biomembranes and Lipid Enzymology, University of Utrecht, Nizozemska): Structure-function relationships of phospholipase A from the outer membrane of Enterobacteriaceae.
18. 15. julij, Institut "Jožef Stefan«. Avner Bdolah (Tel Aviv University, Izrael): Sarafotoxins, the snake homologues of endothelins.
19. 21. oktober, Institut "Jožef Stefan«. Herbert Nar (Max Planck Institute for Biochemistry, Martinsried, Nemčija): Biosynthesis of tetrahydrobiopterin: crystal structures of GTP cyclohydrolase I and pterin synthase.
20. 12. december, Institut "Jožef Stefan«. Israel Pecht (The Weizmann Institute of Science, Rehovot, Izrael): A novel c-type mammalian lectin modulates mast cell response to antigen stimulus.

1995

21. 1. junij, Institut "Jožef Stefan«. Dario Kriz (Chemical Center, University of Lund, Švedska): Bio-mimetic recognition systems obtained by molecular imprinting.
22. 2. junij, Institut "Jožef Stefan«. Nediljko Budiša (Max Planck Institute for Biochemistry, Martinsried, Nemčija): Solving protein 3D structures by production of the tellurmethionine mutants.
23. 19. junij, Institut "Jožef Stefan«. Ron Peek (Department of Biochemistry, University of Nijmegen, Nizozemska): New data on the Ro52 and La autoantigens.
24. 6. december, Institut "Jožef Stefan«. Angelo Azzi (Institute of Biochemistry and Molecular Biology, University of Bern, Švica): Regulation of gene expression by α -tokopherol.

1996

25. 25. april, Institut "Jožef Stefan«. Ross W. Smith (Department of Biochemistry, The University of Queensland, Avstralija): Structural studies of the human low-density lipoprotein receptor.
26. 9. maj, Institut "Jožef Stefan«. Marianne Grunberg-Manago (Francoska akademija znanosti, Francija): The versatility of mRNA structure and implication in gene regulation.
27. 20. september, Institut "Jožef Stefan«. Oscar Burrone (International Centre for Genetic Engineering and Biotechnology, Padriče, Italija): Expression and functional characterization of the secretory and membrane forms of human IgE.
28. 16. oktober, Institut "Jožef Stefan«. Nils Brünner (Finsen Laboratory, Kopenhagen, Danska): Urokinase plasminogen activator system in cancer.
29. 22. oktober, Institut "Jožef Stefan«. Monica A. Hughes (Department of Biochemistry and Genetics, The Medical School, University of Newcastle, Newcastle upon Tyne, Velika Britanija): Molecular studies of frost acclimation in cereals.
30. 23. oktober, Institut "Jožef Stefan«. Monica A. Hughes (Department of Biochemistry and Genetics, The Medical School, University of Newcastle, Newcastle upon Tyne, UK): The molecular biology of cyanogenesis in the tropical root crop, cassava.
31. 7. november, Oddelek za biologijo, Biotehniška fakulteta, Univerza v Ljubljani. Manjunatha Kini (School of Biological Sciences, National University of Singapore, Singapur): Common cytolitic region in proteins and peptides.
32. 12. november, Institut "Jožef Stefan«. Istvan Simon (Institute of Enzymology, Budimpešta, Madžarska): The use of statistical analysis of data bases in protein design.
33. 25. november, Institut "Jožef Stefan«. Tim Mathers (Max Planck Institute for Biochemistry, Martinsried, Nemčija): Facts and fantasy from the activated protein C structure- an enzyme which encloses the blood coagulation cascade circle.

1997

34. 21. marec, Institut "Jožef Stefan«. Joseph P. Waltho (Department of Molecular Biology and Biotechnology, University of Sheffield, Velika Britanija): NMR investigation of protein folding.
35. 8. maj, Institut "Jožef Stefan«. James Travis (Department of Biochemistry and Molecular Biology, The University of Georgia, Georgia, ZDA): The role of gingipain in periodontal diseases.
36. 24. junij, Inštitut za biokemijo, Medicinska fakulteta, Univerza v Ljubljani. Ulo Langel (University of Stockholm, Arrhenius Laboratories, Stockholm, Švedska): Interaction of 7TM galanin receptor with G-proteins.
37. 8. oktober, Institut "Jožef Stefan«. Reiner Jaenicke (Institut für Biophysik und Physikalische Biochemie, Universität Regensburg, Regensburg, Nemčija): Stability and folding of proteins from hyperthermophiles.

1998

38. 25. februar, Inštitut za biokemijo, Medicinska fakulteta, Univerza v Ljubljani. Jure Stojan (Inštitut za biokemijo, Medicinska fakulteta, Univerza v

Ljubljani): Vpliv acilacije na interakcijo substrata s perifernim mestom in na njegov vstop v lijak aktivnega mesta acetilholinesteraze iz vinske mušice.

39. 24. april, Kemijski inštitut. Guenther Daum (Institut für Biochemie und Lebensmittelchemie, Technische Universität, Graz, Avstrija): Import of phospholipids into mitochondria of the yeast.

40. 18. maj, Kemijski inštitut. David J. Craik (Centre for Drug Design and Development, University of Queensland, Brisbane, Avstralija): Structural studies on conotoxins and related disulphide-rich proteins by NMR.

41. 13. oktober, Institut "Jožef Stefan". Gottfried Schatz (Biozentrum, University of Basel, Švica): The life and death of mitochondrial proteins. Predavanje je bilo del 26. FEBS turneje "Ferdinand Springer Lecture Tour".

42. 17. november, Inštitutu za biokemijo, Medicinska fakulteta, Univerza v Ljubljani. Michael R. Waterman (Department of Biochemistry, Medical Faculty, Vanderbilt University, ZDA): Mycobacterium tuberculosis contains a novel sterol 14 α -demethylase: Biochemical and phylogenetic implication.

43. 11. december, Institut "Jožef Stefan". Carlos Gancedo (Instituto de Investigaciones Biomedicas, Madrid, Španija): The trehalose biosynthetic pathway is critical for the normal life of yeasts.

1999

44. 12. marec, Kemijski inštitut. Horst Kessler (Institut für Organische Chemie und Biochemie, TU München, Nemčija): Inhibition of protein-protein interactions at cell surfaces - A new cancer therapy.

45. 21. april, Institut "Jožef Stefan". Jerrold Weiss (New York University Medical Center, New York, ZDA): Innate antibacterial host defence-group II phospholipases A₂.

46. 24. maj, Inštitut za biokemijo, Medicinska fakulteta, Univerza v Ljubljani. Alan Anderson (Centre de recherche en cancerologie, Departement de Biologie, Université Laval, Quebec, Kanada): Localization and characterization of a phenobarbital response unit (PBRU) conferring phenobarbital responsiveness on the rat gene for cytochrome P450B2.

47. 14. junij, Institut "Jožef Stefan". Magnus Abrahamson (Department of Clinical Chemistry, University of Lund, Švedska): Cystatins C, E and F-functions in vitro and in vivo.

48. 15. junij, Institut "Jožef Stefan". Wolfram Bode (Max Planck Institute of Biochemistry, Martinsried, Nemčija): The matrix metalloproteinases: mechanism of inhibition by synthetic and protein inhibitors.

49. 20. september, Institut "Jožef Stefan". Stephen J. Mather (St. Bartholomew's Hospital, London, Velika Britanija): Recent development in radiopharmaceutical research.

50. 7. december, Inštitut za biofiziko, Medicinska fakulteta. Michael R. Waterman (Department of Biochemistry, Vanderbilt University, ZDA): Importance of proline-rich region for correct folding of all forms of cytochrome P450.

2000

51. 3. marec, Medicinska fakulteta, Univerza v Ljubljani. Denis Pompon (Centre de génétique moléculaire, CNRS, Gyf-sur-Yvette, Francija): Yeast biotechnology: from human xenobiotic metabolism prediction to self-sufficient biosynthesis of drugs.

52. 16. marec, Institut "Jožef Stefan«. Nils Brunner (Finsen Laboratory, University Hospital Copenhagen, Danska): Plasminogen activator type 1: Therapeutic and diagnostic implications in cancer.
53. 6. junij, Institut "Jožef Stefan«. Michael Becker (Biology Department, Brookhaven National Laboratory, Upton, ZDA): Modern and future protein crystallography at bright and extremely bright X-ray sources: FedEx, and FELs.
54. 14. junij, Institut "Jožef Stefan«. Lawrence Banks (ICGEB, Trst, Italija): The interactions of Human Papilloma virus E6 with tumour suppressor proteins.
55. 13. september, Oddelek za biologijo, Biotehniška fakulteta, Univerza v Ljubljani. Jeremy H. Lakey (Department of Biochemistry and Genetics, University of Newcastle upon Tyne, Velika Britanija): Protein-protein interactions during Colicin N translocation.
56. 24. november, Medicinska fakulteta, Univerza v Ljubljani. Rita Bernhardt (Universität des Saarlandes, Saarbrücken, Nemčija): Adrenal cytochrome P450 systems: Structure, function, and physiological importance.

2001

57. 21. februar, Institut "Jožef Stefan«. **Kristina Djinović Carugo** (Structural Biology Laboratory, Sincrotrone, Trieste, Italija): Structural studies on cytoskeletal proteins.
58. 30. maj, Institut "Jožef Stefan«. William J. Lenartz (Department of Biochemistry and Cell Biology at Stony Brook, New York, ZDA): Studies on biosynthesis and degradation of glycoproteins.
59. 7. september, Institut "Jožef Stefan«. Ljuba Stojiljkovic (Department of Physiology and Biophysics, University of Illinois at Chicago, ZDA): Are nuclear myosin I and beta-actin transcription factors?

2002

60. 7. marec, Institut "Jožef Stefan«. Eiji Matsuura (Department of Cell Chemistry, Institute of Cellular and Molecular Biology, Okayama University Medical School, Japonska): Beta2-glycoprotein I and autoimmune-mediated arterothrombosis.
61. 9. marec, Institut "Jožef Stefan«. Saverio Alberti (Laboratory of Experimental Oncology, Department of Cell Biology and Oncology, St. Maria Imbaro, Chieti, Italija): Structure and function of the Trop cell surface glycoproteins.
62. 3. april, Institut "Jožef Stefan«. **Maša Čemažar** (ICGEB, Trst, Italija): Oxidative folding of Amaranthus alpha-amylase.
63. 26. junij, Institut "Jožef Stefan«. Andrej Šali (Rockefeller University, New York, ZDA): Comparative protein structure modelling of genes and genomes.
64. 10. september, Institut "Jožef Stefan«. Louise N. Johnson (University of Oxford, Velika Britanija): Structural studies on substrate recognition, catalysis and control in the cell cycle regulatory kinase CDK2.
65. 2. oktober, Institut "Jožef Stefan«. Guy Dodson (University of York, Velika Britanija): Haemoglobin's structure and cooperative mechanism revisited.
66. 16. oktober, Institut "Jožef Stefan«. Jonathan P. Waltho (University of Sheffield, Velika Britanija): Reorganisation of proteins involved in Creutzfeld-Jacob and Alzheimer's diseases.

2003

67. 12. marec, Institut "Jožef Stefan«. Marjeta Podobnik (University of California, Berkeley, USA): Exploring the mechanism of DNA replication.
68. 24. marec, Kemijski inštitut. Heiko Schoof (Technical University Munich, Nemčija): Integrating plant genome data for knowledge transfer and discovery: What a closer look can reveal from comparing complete and genomeless plant genomes.
69. 17. april, Institut "Jožef Stefan«. Jernej Ule (Rockefeller University, ZDA): Nova proteins regulate alternative splicing of Jnk2, gephyrin and neogenin pre-mRNAs in the nervous system.
70. 19. junij, Institut "Jožef Stefan«. Marialuisa Melli (University of Bologna, Italija): Molecular biology of the myoclonus epilepsy.
71. 22. september, Institut "Jožef Stefan«. William J. Lennarz (University at Stony Brook, ZDA): The birth of glycoproteins.
72. 23. september, Institut "Jožef Stefan«. William J. Lennarz (University at Stony Brook, USA): The death of glycoproteins.
73. 29. september, Institut "Jožef Stefan«. **Sanja Glišić** (Institute of Nuclear Sciences Vinča, Beograd, Srbija in Črna gora): Association of lipoprotein lipase gene Asn291Ser DNA polymorphism with plasma lipid levels and blood pressure levels in healthy population of Serbia.
74. 15. oktober, Institut "Jožef Stefan«. Hartmut Luecke (University of California, Irvine, ZDA): Light-driven ion pumping and signalling in microbial rhodopsins.
75. 4. november, Institut "Jožef Stefan«. Michael Engel (Max-Planck Institute of Biochemistry, Martinsried, Nemčija): The crystal structure of dipeptidyl peptidase IV (CD26) reveals its functional regulation and enzymatic mechanism.

2004

76. 31. maj, Institut "Jožef Stefan«. John Cheronis (SomaLogic Inc., Boulder, ZDA): Multiplexed proteomics assays for the diagnosis and management of human diseases.
77. 29. oktober, Institut "Jožef Stefan«. David R. Brown (Bath University, Velika Britanija): Metals in prion diseases.

2005

78. 14. marec, Institut "Jožef Stefan«. Keiko Kobayashi in Takeyori Saheki (Kagoshima, Japonska): Molecular genetics and pathophysiology of citrin deficiency.
79. 31. marec, Institut "Jožef Stefan«. Sepp Kohlwein (Graz, Avstrija): 4D-Imaging of Living Yeast Cells: Analysing Protein and Organelle Dynamics in vivo.
80. 30. junij, Institut "Jožef Stefan«. Christopher Overall (Vancouver, Kanada): Degradomics: systems biology of the protease web.
81. 30. junij, Institut "Jožef Stefan«. Doo-Sik Kim (Seoul, Južna Koreja): Molecular structure and function of salmosin, a novel disintegrin.
82. 5. september, Oddelek za biologijo, Biotehniška fakulteta, Univerza v Ljubljani. William Kem (Gainesville, ZDA): CNS drug design based on naturally occurring nicotinic receptor toxins.
83. 19. september, Institut "Jožef Stefan«. William Lennarz (Stony Brook, USA): Life and death of a glycoprotein.

84. 6. oktober, Institut "Jožef Stefan«. Mauro Degli Esposti (University of Manchester, Velika Britanija): Organelle membrane scrambling during cell death.

2006

85. 11. januar, Institut "Jožef Stefan«. **Gregor Gunčar** (University of Queensland, Brisbane, Avstralija): Crystal structure of avirulence protein from flax rust in Structural genomics at the University of Queensland.

86. 7. april, Oddelek za biologijo, Biotehniška fakulteta, Univerza v Ljubljani. Paul Long (University of London, London, UK): New methods for medicinal chemistry–universal gene cloning and expression systems for production of marine bioactive metabolites.

87. 29. oktober, Oddelek za biologijo, Biotehniška fakulteta, Univerza v Ljubljani. Roderick Scott (School of Medical Sciences, College of Life Sciences and Medicine, University of Aberdeen, Velika Britanija): The use of caged compounds to investigate intracellular signalling and excitability.

88. 29. november, Veterinarska fakulteta, Univerza v Ljubljani. **Marko Goličnik** (Medicinska fakulteta, Univerza v Ljubljani): Ko videti (še morda) ni dovolj dober razlog za verjeti.

2007

89. 31. januar, Institut "Jožef Stefan«. Denis Pompon (Centre de Génétique Moléculaire, CNRS, Francija): Surface plasmon resonance imagery and single molecule approaches of proteo-nucleic complex self-assembly.

90. 26. april, Oddelek za biologijo, Biotehniške fakultete, Univerza v Ljubljani. Johan Thevelein (Laboratory of Molecular Cell Biology K. U. Leuven in Flanders institute of Biotechnology-VIB, Belgija): Novel Mechanisms of nutrient sensing and signaling in the yeast protein kinase A pathway.

91. 11. maj, Inštitut za biokemijo, Medicinska fakulteta, Univerza v Ljubljani. Henry Weiner (Department of Biochemistry, Purdue University West Lafayette, Indiana, ZDA): A life time with human liver aldehyde dehydrogenase: what we have and have not learned from the structure.

92. 28. maj, Oddelek za biologijo, Biotehniška fakulteta, Univerza v Ljubljani. Raymond S. Norton (Walter and Eliza Hall Institute of Medical Research, Structural Biology Division, Parkville, Avstralija): Suppressors of cytokine signalling (SOCS): flexible therapeutic targets.

93. 12. junij, Oddelek za biologijo, Biotehniška fakulteta, Univerza v Ljubljani. Rui Silva (Research Institute for Medicines and Pharmaceutical Sciences (iMED), Centro de Patogenese Molecular (UBMBE), Faculdade de Farmacia da Universidade de Lisboa, Portugalska): Dissociated primary nerve cell cultures as models for assessment of neurotoxicity.

94. 8. oktober, Oddelek za biologijo, Biotehniška fakulteta, Univerza v Ljubljani. Steve Busby (School of Biosciences, University of Birmingham, Velika Britanija): Regulation at simple and complex bacterial promoters.

2008

95. 26. september, Oddelek za biologijo, Biotehniška fakulteta, Univerza v Ljubljani. Christopher J. Froelich (ENHRI, Evanston, IL, ZDA): The two faces of the cytotoxic cell granule secretion pathway.

96. 30. september, Institut "Jožef Stefan". **Matej Orešič** (Quantitative Biology and Bioinformatics Group, VTT, Espoo, Finska): Metabolic stress, autoimmunity & diabetes.

97. 17. oktobra, Inštitut za biokemijo, Medicinska fakulteta, Univerza v Ljubljani. Bernd Nidetzky (Institute of Biotechnology and Biochemical Engineering, Graz University of Technology, Austria): From structure-function relationships to biocatalytic applications of carbohydrate-processing enzymes.

98. 3. november, Oddelek za biologijo, Biotehniška fakulteta, Univerza v Ljubljani. Alan Schulman (MTT & University of Helsinki, Finland): The role of retrotranspozons in plant genome dynamics over gradients of space and time.

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DELO

Četrtek, 25. septembra 2008

znanost@delo.si

ZNANOST NAPOVEDUJE

Slovensko biokemijsko društvo organizira 96. predavanje društva:

Metabolni stres, avtoimunost in diabetes

Predaval bo **Matej Orešič** (Quantitative Biology and Bioinformatics Group, VTT, Espoo, Finska). Predavanje bo v torek, 30. septembra, ob 13. uri v Seminarski sobi B220 na Institutu Jožef Stefan, Jamova 39, Ljubljana.

Društvena predavanja redno oglašujemo v *dnevnem časopisju*.

3.4. Druge društvene dejavnosti

Društvo je organiziralo ali sodelovalo pri organizaciji naslednjih dogodkov.

19., 23. in 25. 5. 1994 — SERIJA SEMINARJEV O ZVIJANJU PROTEINOV

Kolegi z Instituta "Jožef Stefan" so v sodelovanju s Slovenskim biokemijskim društvom organizirali serijo seminarjev o zvijanju proteinov. Na seminarjih je Roger H. Pain (University of Newcastle upon Tyne, Velika Britanija) predstavil trenutne trende na področju zvijanja proteinov.

2000—2003: SODELOVANJE S PREDAVATELJI BIOKEMIJE IZ VELIKE BRITANIJE

V okviru "British Council Valvasor Programme Academic Link Interchange Scheme" so trije člani društva obiskali univerze v Veliki Britaniji in ob tem poskušali pridobiti informacije o načinu poučevanja biokemijskih in molekularnobioloških vsebin. Anica Plemenitaš je leta 2000 obiskala tri univerze in se spoznala s poučevanjem biokemije v okviru študijev medicine. Marko Dolinar je leta 2002 obiskal dve univerzi in zbral informacije o vajah s področja molekularne biologije v okviru študija biokemije, Blaž Cigić pa je leta 2003 na dveh univerzah poskušal zvedeti, kako motivirajo študente za študij biokemijskih vsebin in kako vključujejo v pouk biokemije zanimive teme, ki študente pritegnejo. Člani sekcije za poučevanje pri britanski "Biochemical