

Proect 25.09.2018

**„Frontiers in Life Sciences. Signalling and Metabolism”**

Belarusian – Lithuanian – Polish

Andrzej Sniadecki Memorial Symposium

Grodno, 8-9 November 2018

**7<sup>th</sup> November 2018**

Arrival of participants in Grodno, check-in

15:00 Start of the registration

	17:00 – 19:00	Tour round Grodno		
	19:15 – 21:00	Welcome Reception		

**8<sup>th</sup> November 2018**

**Opening Session**

No	Time	Activity/title	Title of Presentation/Affiliation	Comments
1	9:00-9:30	Opening Ceremony	Welcome of the NAS of Belarus Authorities and the Director of the Institute of Biologically Active Compounds and the Presidents of Societies	
2	9:30-10:00	Lecture 1 (30 min) “Andrzej Sniadecki – life and work in Vilnius University”	Dr. Birute Railienė <i>Wroblewski Library of the Lithuanian Academy of Sciences</i>	No discussion
3	10:00-10:30	Lecture 2 (30 min) “The level of chemistry studies in Vilnius University at the beginning of the 19 <sup>th</sup> century”	Dr., Assoc. Prof. Rimantas Vaitkus <i>Institute of Chemistry, Vilnius University</i>	No discussion

4	10:30-11:00	Lecture 3 (30 min) "Polish Life Sciences: current report"	Prof. Andrzej Legocki <i>Institute of Bioorganic Chemistry, Poznań, Polish Academy of Sciences</i>	No discussion
5	11:30-12:00	Lecture 4 (30 min) "Overview of molecular life science education in Lithuania"	Prof. Gervydas Dienys <i>Institute of Biotechnology, Vilnius university,</i> Prof. Vida Mildaziene <i>Vytautas Magnus University, Kaunas</i>	No discussion
6	12:00-12:30	Lecture 5 (30 min) TBA BY "Belarus Life Sciences: current report"	TBA BY	No discussion
7	12:30 -13:00	Plenary Lecture 3 (30 min) "Mitochondrial potassium channels"	Prof. Adam Szewczyk <i>Nencki Institute, Warsaw</i>	25 min + 5 min discussion
8	13:00-13:30	Plenary Lecture 1 (30 min) "Structure and function of cholesterol metabolic enzymes".	Prof. S.A. Usanov <i>Institute of Bioorganic Chemistry, NAS of Belarus</i>	25 min + 5 min discussion
9	13:30-14:00	Plenary Lecture 2 (30 min) "Yeast viruses - friends or foes?"	Prof. Saulius Serva <i>Institute of Biotechnology, Vilnius University</i>	25 min + 5 min discussion

Coffee Break 11:00-11:30

Lunch 14:0-15:00

### Session 1

No	Time	Activity	Title of Presentation/Affiliation	Comments
10	15:00-15:15	Lecture 6 (15 min) "Generation in yeast of recombinant virus-like particles and their diagnostic applications."	Prof. Aurelija Žvirblienė <i>Institute of Biotechnology, Vilnius University</i>	10 min +5 min discussion
11	15:15-15:30	Lecture 7 (15 min) TBA by PL	TBA PL	10 min +5 min discussion

12	15:30-15:45	Lecture 8 (15 min) "Cation channels as sensors for reactive oxygen species in plant plasma membranes"	Demidchik V. <i>Department of Plant Cell Biology and Bioengineering, Minsk, BSU</i>	10 min +5 min discussion
13	15:45-16:00	Lecture 9 (15 min) "Cyclic oligoadenylates - novel bacterial messengers"	Dr. Gintautas Tamulaitis <i>Institute of Biotechnology, Vilnius University</i>	10 min +5 min discussion
14	16:00-16:15	Lecture 10 (15 min) "Bioinformatic design of epidermal growth factor receptor inhibitors"	Dr. V.V. Khrustalev, T.A. Khrustaleva, V.V. Poboinev, K.V. Yurchenko <i>Belarusian State Medical University, Institute of Physiology, Minsk</i>	10 min +5 min discussion
15	17:00-17:15	Lecture 11 (15 min) "Application of computational methods for studies of protein structure, function and interactions"	Dr. Česlovas Venclovas <i>Institute of Biotechnology, Vilnius University</i>	10 min +5 min discussion
16	17:15-17:30	Lecture 12 (15 min) "Genome-wide inference of bacterial transcription factor binding sites based on 3D structures of TF-DNA complexes"	Y.A. Nikolaichik, A.U. Damienikan, P.V. Vychik <i>Department of Molecular Biology, Minsk, BSU</i>	10 min +5 min discussion
17	17:30-17:45	Lecture 13(15 min) TBA PL	TBA PL	10 min +5 min discussion
18	17:45-18:00	Lecture 14 (15 min) "Search for most structurally stable fragment of tyrosine kinase domain of epidermal growth factor receptor"	Dr. V.V. Khrustalev, V.V. Poboinev, K.V. Yurchenko, T.A. Khrustaleva <i>Belarusian State Medical University, Institute of Physiology, Minsk</i>	10 min +5 min discussion
19	18:00-18:15	Lecture 15 (15 min)	TBA PL	10 min +5 min discussion

Coffee Break 11:00-11:30

## Session 2

No	Time	Activity/title	Title of Presentation/Affiliation	Comments
16	15:00-15:15	Lecture 18 (15 min) "Intracellular signaling and proteolysis: evolutionary and oncological aspects"	Prof. A.A. Chirkin, V.V. Dolmatova <i>State University named after PM Masherov, Department of Chemistry, Vitebsk</i>	10 min +5 min discussion
17	15:15-15:30	Lecture 12 (15 min) "Signaling in seed stress response: eustress versus distress"	Prof. Vida Mildaziene <i>Vytautas Magnus University, Kaunas</i>	10 min + 5 min discussion
18	15:30-15:45	Lecture 18 (15 min) "From pantothenate protein complexes to protein CoAilation and redox signaling"	Dr. N.P. Kanunnikova, V.A. Gurinovich, D.S. Semenovich, I.N. Katkovskaya, A.G. Moiseenok <i>Institute of Biochemistry of Biologically Active Compounds, NAS of Belarus, Grodno</i>	10 min +5 min discussion
19	15:45-16:00	Lecture 13 (15 min) "Matrix metalloproteinases in cancer of urinary tract"	TBA Dr. Lech Romanowicz <i>Department of Medical Biochemistry, Medical University of Bialystok</i>	10 min +5 min discussion
20	16:00-16:15	Lecture 17 (15 min) "Cell signaling in cancer cell chemoresistance"	Dr. Dobilas Kirvelis <i>Institute of Biochemistry, Vilnius University</i>	10 min +5 min discussion
21	17:00-17:15	Lecture 15 (15 min) "Genome scale metabolic models and transcriptional regulation in breast cancer cells"	Dr. Valeryia Mikalayeva <i>Lithuanian University of Health Sciences, Institute of Cardiology</i>	10 min +5 min discussion
22	17:15-17:30	Lecture 16 (15 min) "Post-translational modification of cytochrome-dependent monooxygenases: mechanisms and regulatory role"	A.V. Yantsevich et al.	10 min +5 min discussion
		Lecture 18 (15 min) "Phytosteroids as effectors of mammalian	Dr. Aliaksei Sysa <i>Department of Environmental chemistry and</i>	10 min +5 min discussion

		monoxygenase systems"	<i>biochemistry ISEI BSU</i>	
23	17:30-17:45	Lecture 18 (15 min)	TBA PL	10 min +5 min discussion
24	17:45-18:00	Lecture 15 (15 min)	TBA BY	10 min +5 min discussion
25	18:00-18:15	Lecture 15 (15 min)	TBA PL	10 min +5 min discussion
	18:15-18:30	Closing		

**Session 3  
(Medical University)**

No	Time	Activity/title	Title of Presentation/Affiliation	Comments
1	15:00-15:30	Lecture 12 (30 min)	Prof. Stefan Chłopicki (Kraków)	25 min + 5 min discussion
2	15:30-15:45	Lecture 13 (15 min)	TBA BY	10 min +5 min discussion
3	15:45-16:00	Lecture 15 (15 min)	TBA BY	10 min +5 min discussion
4	16:00-16:15	Lecture 15 (15 min)	TBA PL	10 min +5 min discussion
5	16:15-16:30	Lecture 15 (15 min)	TBA BY	10 min +5 min discussion
6	16:30-16:45	Lecture 15 (15 min)	TBA BY	10 min +5 min discussion
7	16:45-17:00	Lecture 15 (15 min)	TBA BY	10 min +5 min discussion

**Poster session (№ 1-20)**

Coffee Break with Poster Session (16:15 – 17:00)

18:30 – Conference Dinner

**9<sup>th</sup> November 2018**

**Session 4**

No	Time	Activity/title	Title of Presentation/Affiliation	Comments
26	9:00 - 22:00	Visits to Sniadecki Places	n/a	Separate plan of visit TBA soon.

**10<sup>th</sup> November 2018**

Departures of participants