

**Krajowy Naukowy środek Wiodący  
Poznańskie Konsorcjum RNA – GO  
16-18.09.2015**

**PROGRAM KONFERENCJI**

**Środa 16.09.2015**

Program konferencji		
13 <sup>45</sup>	Wyjazd autobusu z Poznania	Collegium Minus, UAM, ul. Wieniawskiego 1, Poznań
15 <sup>30</sup>	Przyjazd do Obrzycka	Dom Pracy Twórczej i Wypoczynku UAM, Zamek 1, Obrzycko
15 <sup>30</sup> - 16 <sup>00</sup>	<i>Zakwaterowanie, kawa, herbata</i>	
16 <sup>00</sup> - 16 <sup>05</sup>	Powitanie i otwarcie konferencji	M. Figlerowicz, Z. Szweykowska-Kulińska
16 <sup>05</sup> - 17 <sup>05</sup>	Wykład zaproszonego gościa: „Post-transcriptional (co)regulation of innate immunity and body fat”	Prof. dr hab. R. Ciosk Friedrich Miescher Institute for Biomedical Research, Basel, Switzerland
17 <sup>05</sup> - 17 <sup>15</sup>	Sprawozdanie z działalności KNOW - IChB	M. Figlerowicz
17 <sup>15</sup> - 17 <sup>25</sup>	Sprawozdanie z działalności KNOW - UAM	Z. Szweykowska-Kulińska
17 <sup>40</sup>	<i>Uroczysta kolacja</i>	
20 <sup>00</sup>	Wyjazd autobusu do Poznania	

## Czwartek 17.09.2015

Program konferencji			
Prowadzący sesję: Marek Figlerowicz	7 <sup>00</sup>	Wyjazd autobusu z Poznania	Collegium Minus, UAM, ul. Wieniawskiego 1, Poznań
	8 <sup>30</sup>	Przyjazd do Obrzycka	Dom Pracy Twórczej i Wypoczynku UAM, Zamek 1, Obrzycko
	8 <sup>30</sup> – 9 <sup>30</sup>	<i>Śniadanie, herbata, kawa</i>	
	9 <sup>30</sup> – 10 <sup>30</sup>	Wykład zaproszonego gościa: „Human exoribonucleases in health and disease”	Prof. dr hab. A. Dziembowski Institute of Biochemistry and Biophysics Polish Academy of Sciences & Institute of Genetics and Biotechnology, University of Warsaw
	10 <sup>30</sup> – 10 <sup>45</sup>	Protein-protein interactions in the complexes associated with the dynamic variability of plant endomembrane system	P. Wojtaszek
	10 <sup>45</sup> – 11 <sup>05</sup>	Plant nucleases involved in programmed cell death	K. Leśniewicz
	11 <sup>05</sup> – 11 <sup>15</sup>	Plant mitochondrial biogenesis in temperature stress and recovery	M. Rurek
	11 <sup>15</sup> – 11 <sup>30</sup>	Nucleotide sequence of miRNA precursor contributes to cleavage site selection by Dicer	J. Stęrega-Roślan
	11 <sup>30</sup> – 11 <sup>45</sup>	Sequence-non-specific effects generated by various types of RNA interference triggers	M. Olejniczak
	11 <sup>45</sup> – 12 <sup>00</sup>	Cooperation meets competition in microRNA-mediated DMPK transcript regulation	E. Kościańska
	12 <sup>00</sup> – 12 <sup>30</sup>	<i>Przerwa kawowa</i>	
	12 <sup>30</sup> – 12 <sup>45</sup>	The yeast <i>S. cerevisiae</i> as a model in therapeutic factor research	A. Karachitos
	12 <sup>45</sup> – 12 <sup>55</sup>	The mitochondrial protein import machinery in Amoebozoa representatives	M. Wojtkowska
	12 <sup>55</sup> – 13 <sup>05</sup>	Mitochondrial energy-dissipating systems	N. Antos-Krzemińska
	13 <sup>05</sup> – 13 <sup>15</sup>	Mitochondria in hyperglycemic endothelial cells	A. Koziół
	13 <sup>15</sup> – 13 <sup>30</sup>	Somatic copy number variation is an important mechanism of regulation of miRNA and miRNA biogenesis genes <i>DICER1</i> and <i>DROSHA</i> in cancer	P. Kozłowski
	13 <sup>30</sup> – 13 <sup>45</sup>	The role of DUF283 domain in the interactions between human ribonuclease Dicer and short RNA species	A. Kurzyńska-Kokorniak
13 <sup>45</sup> – 14 <sup>00</sup>	<i>Dicer</i> -like gene family in <i>Medicago truncatula</i> , a model legume plant	A. Tworak	
14 <sup>00</sup> – 15 <sup>30</sup>	<i>Obiad</i>		
Prowadzący sesję: Zofia Szwejkowska-Kulińska	15 <sup>30</sup> – 15 <sup>45</sup>	Accumulation of heavy metals (Pb, Cu, Zn, Cd) and mechanism of defense in plants useful in phytoremediation	A. Małecka
	15 <sup>45</sup> – 16 <sup>00</sup>	Functioning of the glutathione-phytochelatin system in plants exposed to biotic and abiotic stresses	A. Piechalak
	16 <sup>00</sup> – 16 <sup>15</sup>	Application of petroleum degraders changes the response of detoxification system in rapeseed plants	J. Wojtera-Kwiczor
	16 <sup>15</sup> – 16 <sup>25</sup>	RNA hybrid duplex-quadruplex structures with dual functionality as a new tool for silencing of gene expression	K. Czajczyńska
	16 <sup>25</sup> – 16 <sup>35</sup>	RNA hybrid duplex- and heteroduplexes with parallel strand orientation – thermodynamics, structure and potential implication for antisense design	M. Szabat
	16 <sup>35</sup> – 16 <sup>45</sup>	Structure of Ty1 RNA encoding p22 Gag isoform that restricts retrotransposon movement	L. Błaszczuk
	16 <sup>45</sup> – 17 <sup>00</sup>	RNA 3D structure prediction: learning by solving solved problems	K. Purzycka

Prowadzący sesję: Marek Figierowicz	17 <sup>00</sup> – 17 <sup>30</sup>	<b>Przerwa kawowa</b>	
	17 <sup>30</sup> – 17 <sup>35</sup>	<b>Functioning of signalisation in plants: forming of protein complexes at levels of receptors, MAP kinase cascade/protein phosphatases and chromatin transcription regulation</b>	J. Sadowski
	17 <sup>35</sup> – 17 <sup>55</sup>	<b>The role of ABA-PYL/PYR-ABI1 PP2C  SnRK2 complex in regulation of Arabidopsis MAPKKK18 kinase.</b>	A. Ludwików
	17 <sup>55</sup> – 18 <sup>15</sup>	<b>Elements of plant development regulation by the acetylation of histone H4</b>	T. Bieluszewski
	18 <sup>15</sup> – 18 <sup>30</sup>	<b>The role of structural elements of the 5'-terminal region of p53 mRNA in translation under stress conditions assayed by the antisense oligonucleotide approach</b>	A. Świątkowska
	18 <sup>30</sup> – 18 <sup>40</sup>	<b>Length of the 5'-terminal region and structural context of the AUG1 start codon influence the ribosomal scanning and translation initiation of p53 mRNA</b>	P. Żydowicz
	18 <sup>40</sup> – 18 <sup>50</sup>	<b>Secondary structure of influenza virus segment 5 vRNA - a new target for therapeutic oligonucleotides</b>	P. Michalak
	18 <sup>50</sup> – 19 <sup>00</sup>	<b>Secondary structure of coxsackievirus B3 RNA genome and its targeting with siRNA and helper antisense oligonucleotides</b>	A. Stachowiak
	19 <sup>15</sup>	<b>Kolacja - ognisko</b>	
	21 <sup>30</sup>	<b>Wyjazd autokaru do Poznania</b>	

**Piątek 18.09.2015**

Program konferencji			
Prowadzący sesję: Zofia Szwejkowska-Kulińska	7 <sup>00</sup>	Wyjazd autokaru z Poznania	Collegium Minus, UAM, ul. Wieniawskiego 1, Poznań
	8 <sup>30</sup>	Przyjazd do Obrzycka	Dom Pracy Twórczej i Wypoczynku UAM, Zamek 1, Obrzycko
	8 <sup>30</sup> – 9 <sup>30</sup>	<i>Śniadanie, kawa, herbata</i>	
	9 <sup>30</sup> – 10 <sup>00</sup>	Wykład zaproszonego gościa: "In reSearch for Philosopher's Stone'	Prof. dr hab. J. Hoffmann Studio for Transdisciplinary Projects & Research, University of Arts in Poznań
	10 <sup>00</sup> – 10 <sup>10</sup>	Molecular characterization of clear cell renal cell carcinoma (ccRCC)"	J. Wesoły
	10 <sup>10</sup> – 10 <sup>25</sup>	Transcriptomics of clear cell renal cell carcinoma tumors	T. Wrześniński
	10 <sup>25</sup> – 10 <sup>35</sup>	Mutations and chromosomal aberrations in sporadic ccRCC tumors	K. Kluzek
	10 <sup>35</sup> – 10 <sup>45</sup>	ccRCC – new prognostic markers and monitoring of disease progression by molecular methods	W. Majer
	10 <sup>45</sup> – 11 <sup>00</sup>	miRNAs as regulators of the extracellular matrix (ECM) proteins expression in brain tumors	K. Rolle
	11 <sup>00</sup> – 11 <sup>10</sup>	Secondary structure of mature miRNAs suggests their functions	A. Belter
	11 <sup>10</sup> – 11 <sup>20</sup>	Insights into the tRNA-derived fragments' function in <i>Saccharomyces cerevisiae</i>	K. Żywicka
	11 <sup>20</sup> – 11 <sup>30</sup>	Crystallization and structural studies of modified RNA duplexes containing 2'-5' internucleotide bonds and 6-methyl adenine	P. Dożdzał
	11 <sup>30</sup> – 12 <sup>00</sup>	<i>Przerwa kawowa</i>	
Prowadzący sesję: Marek Figlerowicz	12 <sup>00</sup> – 12 <sup>15</sup>	Combinatorial association and abundance of ISGF3 components dictate selectivity and kinetics of interferon responses.	K. Błaszczyk
	12 <sup>15</sup> – 12 <sup>25</sup>	Identification of novel biomarkers for development and progression of atherosclerosis.	A. Piaszyk-Borychowska
	12 <sup>25</sup> – 12 <sup>35</sup>	In silico structural and functional analysis of STAT and IRF proteins - novel approach for finding specific inhibitors.	M. Szelaż
	12 <sup>35</sup> – 12 <sup>45</sup>	Targeted inhibition of STATs and IRFs as a novel treatment strategy in cardiovascular disease	H. Bluijssen
	12 <sup>45</sup> – 12 <sup>55</sup>	Deamination of modified and non-modified cytidines by human AID	L. Budzko
	12 <sup>55</sup> – 13 <sup>10</sup>	The histone demethylase JMJD3 coordinates cellular senescence	P. Perrigue
	13 <sup>10</sup> – 13 <sup>20</sup>	Maize response to herbicidal stress	A. Tyczewska
	13 <sup>20</sup> – 13 <sup>30</sup>	Huntington disease iPSCs show early molecular changes in intracellular signaling, the expression of oxidative stress proteins and the p53 pathway	M. Figiel
	13 <sup>40</sup> – 15 <sup>00</sup>	<i>Obiad</i>	
	15 <sup>15</sup>	Wyjazd autokaru do Poznania	



Wi-Fi dostępne podczas trwania konferencji.  
Hasło: palacUAM