Date	Name and surname of the PhD student	The title of the seminar	Supervisor/ Supervisors
08.10.2020	Jakub Kwiatkowski	Hijacking calcium signaling and MAP kinase cascade during plant/pathogen interaction by HopQ1 - a Type Three Effector from *Pseudomonas syringae*	Dr hab. Magdalena Krzymowska, profesor instytutu
	Marta Płonka	Aggregation of Rbs1 protein and its influence on cell cycle in yeast	Prof. dr hab. Magdalena Rakowska-Boguta, Dr Małgorzata Cieśla
22.10.2020	Karolina Wojciechowska	TRAIL sensitizes ESCRT-I- depleted cells to death through accumulated TRAILR2 in a caspase-dependent manner	Prof. dr hab. Marta Miączyńska
	Małgorzata Habich	Negative consequences of compensatory mechanisms illustrated by phosphate metabolism	Prof. dr hab. Piotr Zielenkiewicz
05.11.2020	Aneta Jurkiewicz	Regulation of RNA polymerase III in macrophages	Prof. dr hab. Magdalena Rakowska-Boguta, Dr Damian Graczyk
	Dominika Nowak	I Don't Want You on Our First Date: How HopBF1 Ditches the Chaperone.	Dr hab. Magdalena Krzymowska, profesor instytutu, Dr Patrycja Zembek
	Marta Stępniewska-Dziubińska	Predicting binding affinity of small molecules in ligand-receptor systems using neural networks	Dr hab. Paweł Siedlecki
19.11.2020	Magdalena Modrzejewska	Extensive analysis of three transcriptional regulators from *Pseudomonas aeruginosa* proteome	Dr hab. Aneta Bartosik
	Ewelina Stefaniak	Cu(II) binding properties of N-truncated Aβ peptides: In search of biological function	Prof. dr hab. Wojciech Bal
03.12.2020	Justyna Antoniuk-Majchrzak	The role of Swi6 in protecting cells against genetic instability	Dr hab. Adrianna Skoneczna, profesor instytutu
	Dawid Płonka	Iron regulator hepcidin as an intra- and extracellular target for selected metals	Prof. dr hab. Wojciech Bal
17.12.2020	Elżbieta Gryz	Biological functions and mechanisms of action of unique lipid compounds, dolichols in filamentous fungal cells.	Prof. dr hab. Joanna Kruszewska
	Monika Mitura	Role of KfrC in linking of two vital processes in broad-host-range RA3 plasmid biology	Prof. dr hab. Grażyna Jagura-Burdzy
14.01.2021	Praveenraj Elancheliyan	Import mechanism of non-canonical mitochondrial proteins	Prof. dr hab. Agnieszka Chacińska, Dr Michał Wasilewski
	Karolina Gościńska	Identification of molecular mechanism regulating cytosolic translation upon defective mitochondria	Prof. dr hab. Agnieszka Chacińska, Dr Urlike Topf
28.01.2021	Izabela Rudzińska	Reprogramming of mRNA expression in response to a defect in RNA polymerase III assembly in yeast *Saccharomyces cerevisiae*	Prof. dr hab. Magdalena Rakowska-Boguta
	Katarzyna Kosznik-Kwaśnicka	Effectivness of phage and antibiotic therapy against *S. enterica* serotypes common in poultry	Dr hab. Alicja Węgrzyn, profesor instytutu

11.02.2021	Anna Długajczyk	Efficient vesicular trafficking protects yeast *Saccharomyces cerevisiae* genome from fragmentation	Dr hab. Adrianna Skoneczna, profesor instytutu
	Karim Abu Nahia	Elucidating the gene regulatory network of atrioventricular node development	Prof. dr hab. Jacek Kuźnicki, Dr Cecilia Lanny Winata
25.02.2021	Anita Dudek	Effect of cholesterol on the interaction between influenza fusion peptide and lipid membrane	Dr hab. Piotr Setny (CeNT)
	Maciej Łapiński	Elucidating the mechanism of translational control of maternal transcripts through cytoplasmic polyadenylation	Prof. dr hab. Matthias Bochtler, Dr Cecilia L. Winata
11.03.2021	Katarzyna Krakowska	Eco15I DNA restriction endonuclease - an enzyme specific towards methylated and hydroxymethylated DNA	Prof. dr hab. Matthias Bochtler
	Marta Jardanowska	Determining the role of transcription factors in cancer development using bioinformatics methods	Dr hab. Marcin Grynberg
25.03.2021	Emilia Baranowska	Molecular basis of diseases caused by the mtDNA mutations in the MT-ATP6 gene encoding subunit a of ATP synthase	Dr hab. Róża Kucharczyk, profesor instytutu
	Joanna Drabińska	PA2504: a novel factor in sulfur metabolism of *Pseudomonas aeruginosa*	Dr hab. Elżbieta Kraszewska, profesor instytutu
	Radosław Kotuniak	Application of the kinetic method to explain the mechanisms of copper transport in blood	Prof. dr hab. Wojciech Bal
08.04.2021	Paulina Oksińska	Role of SWI3D - a subunit of the SWI/SNF chromatin remodeling complex in the control of regulatory processes in *Arabidopsis thaliana* , with particular emphasis on hormone signal transduction pathways	Dr hab. Tomasz Sarnowski, profesor instytutu, Dr Szymon Kubala
	Agnieszka Fatalska	HDX-MS studies of dual function protein - Gorab and its centriolar complex Gorab-Sas6.	Prof. dr hab. Michał Dadlez
22.04.2021	Przemysław Sałański	Identification and characteristic of lactic acid bacteria strains able to inhibit proliferation and modulate expression of selected genes in colorectal cancer cells	Prof. dr hab. Jacek Bardowski, Dr Agnieszka Szczepankowska
	Agata Jabczyńska	Identification and functional analysis of novel RNA-binding proteins in human mitochondria	Dr hab. Roman Szczęsny
	Agnieszka Rózga	Functional and genetic analyzes of plasmidomes from environmental lactic acid bacteria and construction of a plasmid expression vector	Dr hab. Tamara Aleksandrzak-Piekarczyk

06.05.2021	Jarosław Steciuk	Evaluation of the function of the SNF5-type core subunit of the SWI/SNF complex on *Arabidopsis thaliana* using new T-DNA insertion knock-out line	Dr hab. Tomasz Sarnowski, profesor instytutu
20.05.2021	Julia Rachowka	How annexin 1 from *Arabidopsis thaliana* protects chloroplasts from oxidative stress	Dr hab. Dorota Konopka-Postupolska
	Aleksandra Tymoszewska	Molecular basis of mechanisms of novel bacteriocins action and resistance development	Dr hab. Tamara Aleksandrzak-Piekarczyk
10.06.2021	Damian Garbicz	Searching for compounds of anticancer activity directed against ALKBH and HDAC proteins	Prof. dr hab. Elżbieta Grzesiuk
	Anna Zawada	Impaired protein interactions within the replisome and their impact on the stability of microsatellite DNA sequences in *Saccharomyces cerevisiae* yeast cells	Prof. dr hab. Iwona Fijałkowska
24.06.2021	Agnieszka Onyśk	Polyisoprenoid biosynthesis in unicellular eukaryote Paramecium	Dr hab. Liliana Surmacz
	Mikołaj Fedorowicz	A role of RNF2 protein in regulation of human polymerase iota	Prof. dr hab. Ewa Śledziewska-Góska, Dr Justyna McIntyre
	Paweł Ćwiek	Identification of new signaling mechanisms regulating chromatin transcriptional activity in eukaryotes	Dr hab. Tomasz Sarnowski, profesor instytutu