PISANU BUPHAMALAI Image: State of the set of				
Contact	Campus Vienna Biocenter, VBC5, Dr.Bohr-Gasse 9 1.104, A-1030 Vienna, AUSTRIA			
Education	Medizinische Universität Wien, Vienna, AT2016 – PrePhD Student in Natural Sciences - Major Focus: Network Medicine	sent		
	KTH Royal Institute of Technology, Stockholm, SE &2014 -Aalto University, Helsinki, FIErasmus Mundus Master's Degree in Computational Systems Biology (euSYSBIO)	2016		
	Mahidol University, Bangkok, TH2009 –B.Sc. in Physics, First Class Honours, Distinction	2013		
Honours and Scholarships	Winning team, CytoData2019, DKFZ, DE 2 Won the competition for drug target prediction based on cellular morphology	2019		
	The Lindau Nobel Laureate Meetings, Lindau, DESelected to participate the prestigious annual meeting	2019		
	Outstanding Poster Presentation Award, European Molecular Biology Organization2018Awarded at the EMBO conference on network biology, EMBL, DE Heidelberg			
	Erasmus Mundus Master's Scholarship, European Commission Awarded full scholarship for master's studies	2014		
Research Experiences	CeMM - Research Center for Molecular Medicine Sep 2016 – Pro of the Austrian Academy of Sciences, Vienna, AT Predoctoral Fellow Project: Network-based approaches for biomedical data integration and disease gene prioritisat Supervisor: Dr. Jörg Menche			
	Joint Research Center for Computational Biomedicine, RWTH-Aachen University and Aachen University Hospital, Aachen, DEFeb 2016 – Jul	2016		
	Masters research student Project: Statistical analysis of membrane transporters towards drug sensitivity and resistance Supervisors: Prof. Julio Saez-Rodriguez and Dr. Marc Brehme			
	Department of Computer Science, Aalto University, Helsinki, FI	May - Jul 2015		
	Summer intern Project: Group Factor Analysis (GFA) hyperparameter tuning for capturing latent variables from a mixture of continuous and discrete datasets Supervisors: Prof. Samuel Kaski and Dr. Pekka Marttinen			
	Computational Regulatory Genomics Group, Faculty of Medicine, Imperial College London, UKJun – Nov	2012		
	Undergraduate research student Project: Genome-wide analysis of chromatin interaction – insights into long-range gene regulation Supervisors: Dr. Boris Lenhard and Dr. Nathan Harmston			
	Department of Biochemistry, Faculty of Science, Mahidol University 2011–2	2012		
	Undergraduate research trainee Project: Statistical analysis of gene regulation in <i>Burkholderia pseudomallei</i> using microarray Supervisors: Dr. Varodom Charoensawan and Prof. Sumalee Tungpradubkul	data		

PUBLICATIONS	Nagy, V, Hollstein, R, Pai, TP, Herde, MK, <u>Bu</u> deficiency leads to structural and function <i>netics</i> , 5(3), (2019) e330.	<u> </u>			
	Sdelci, S, Rendeiro, AF, <u>Buphamalai P</u> Kubucek, S. MTHFD1 interaction with BRD4 links folate metabolism to transcriptional regulation. <i>Nature genetics</i> , 51(6), (2019):990-998.				
	Caldera M*, Buphamalai P*, Müller F, Menche J. Interactome-Based Approaches to Human Disease. Current Opinion in Systems Biology 3 (June 2017): 8894.				
	Chutoam P, Charoensawan V, Wongtrakoongate C, Kum-Arth A, Buphamalai P, and Tungpradabkul S. RpoS and oxidative stress conditions regulate succinyl-CoA: 3-ketoacid-coenzyme A transferase (SCOT) expression in Burkholderia pseudomallei . Microbiology and immunology, 57(9):605–615, (2013).				
Book Chapters	Buphamalai P [*] , Caldera M [*] , Müller F, Menche J. Analyzing Network Data in Biology and Medicine, Chapter 10: Network Medicine. <i>Cambridge University Press</i> , 2019.				
Conferences / Presentations	NetSci2020: Conference on network scie Genomics of rare diseases, Cambridge, UK		Sep 2020 Mar 2020		
	Cold Spring Harbor Laboratory Meeting		Mar 2020		
	German Bioinformatics Conference (GB		Sep 2018		
	EMBO Workshop , Heidelberg, DE		Apr 2018		
	Integrating Systems Biology: From Networks	to Mechanisms to Models	11p1 _ 010		
	ISMB 2017, Prague, CZ Jul 2017 The International Conference on Intelligent Systems for Molecular Biology Jul 2017				
	Lake Como Summer School of Advanced Studies, Como, IT May 2017 Complex Networks, Theories and Applications May 2017				
Other Courses/ Qualifications	CourseraComputing for Data Analysis by John Hopkins University (Accomplished with distinction)				
Other Working Experiences	CeMM & Institute Curie Joint Young Scientists Retreat, Bratislava, SK Sep 2018 Organiser				
	Prompt International Institute, Bangkok, TH Jan 2013 – Jun 2014 Part-time tutor for GCSE, A-Level, and IB diploma in physics and mathematics				
	The 42th International Physics Olympiad (42th IPhO), Bangkok, THJul 2011Liaison officer for the Israeli national candidates				
	The Faculty of Science Students Association, Mahidol University, TH2009 - 2012Assistant Vice President of External Affair (2011 - 2012)				
Formal Languages		IATLAR \bullet \bullet \bigcirc \bigcirc Bash \bullet \bullet \bullet \bigcirc \bigcirc			
	Typesettings: LAT_EX , Markdown				
NATURAL LANGUAGES		$\begin{array}{l} \text{derman} \bullet \bullet \bullet \circ (\text{intermediate}) \\ \text{wedish} \bullet \circ \circ \circ (\text{basic}) \end{array}$			

R Stargazing, Hiking, Skiing, Cycling, Climbing, Swimming, Cooking, Piano

Other Activities