

Division of Natural System	Research field	Molecular and Cellular Biology	Lab. ID
			NS09
Laboratory web site	http://fsowonglab.w3.kanazawa-u.ac.jp/		
Research subjects			
<p>We study RNA and protein transport through Nuclear Pore Complex (NPC) (also termed nucleoporins or nups) to ER . Many developmental defects and tumors are directly associated with alterations in nucleo-cytoplasmic transport, and my lab is interested in understanding how the NPC mediates transport and in gaining a better understanding of the molecular mechanisms of these defects. Meanwhile, we are also investigating the association of NPC proteins with the kinetochores and spindles during cell division.</p>			
Master/Doctor course: Education policy, curriculum, typical activity in the laboratory			
<p>Our lab is expected the graduate students to extend their abilities (below 3 parts) through intensive experiements and lab meeting presentations 1) enhance the knowlwdge in molecular cell biology 2)master the advance molecular and cellular techniques 3)master the English presentation and writing skills.</p>			
Daily life in the laboratory, etc.			
<p>Doing experiments, presentation in the conferences and publish your data in good journals.</p>			
Message or comments by the laboratory faculty staffs			
<p>We are always looking for excellent graduate students around the world. Our lab does not spoon-feed students. Top students should not limit the opportunity for them to synthesize and evaluate the data/information by themselves.</p>			
Recent Master theses in these 3 years (+ more if appropriate)			
year.month	Thesis title (including English translation of Japanese thesis title)		
2017.3	Investigation the role of nucleoporin Tpr in mitosis		
2016.3	Characterization the role of nucleoporins Rae1-Nup98 in neuroblastoma cells		
2015.3	Characterization the roles of nuclear pore proteins in colon cancer		
2015.3	Characterization the roles of Nup98 in leukemia formation		
Recent Doctoral theses in these 3 years (+ more if appropriate)			
year.month	Thesis title (including English translation of Japanese thesis title)		
Laboratory mail address	Richard Wong <rwong *at* staff.kanazawa-u.ac.jp>		