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Pex3-mediated Peroxisomal Membrane Contact Sites in Yeast

Huala Wu



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PhD thesis

to obtain the degree of PhD at the
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on the authority of the
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and in accordance with
the decision by the College of Deans.

This thesis will be defended in public on
Friday 21 February 2020 at 12:45 hours

by

Huala Wu

born on 2 January 1989
in Nei Mongol, China

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*To my dear Ama and A Ba
my loved brother and his family
my loved sister and her family
For their love, support and careness*

致我敬爱的阿妈和阿爸
我亲爱的哥哥一家
我疼爱的妹妹一家
感谢他们的爱，支持和关心

A

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Please allow me to express my thanks to my Chinese friends using my mother language-Chinese. 民间艺术团的姐妹们，我来格村前一定是攒了很多人品，才让我遇到你们。汉堡包(陶叶晗)，我们的团魂，你可爱风趣的灵魂传给我点吧！心智比我成熟的你，总是能够醍醐灌顶，让我清醒。哈哈，我得记下来这件事：我真是怕你叫我大名，真是心头一紧啊，曾经的场景那是历历在目：你站在二楼“教育我”，然后气势汹汹下来继续“教育我”，我再也不敢发完消息就消失了。哥哥(倪海燕)，你有趣的灵魂也是戏精本精啦，和你的弟弟一起就是我们的团魂组合！佩服你身上那股科研劲儿，你不愿与人争又超级让人信赖的性格，成为你的好朋友是我的荣幸。坚持你所认同的，不用太在意他人的评价，因为你是最棒的，表示也很想见见我们神秘的田姐夫(田杰)。小星星(王星)，我们永远的团长，领导气质，临危不惧的气场总是盘旋在你周围，和你出门可以完全不用带脑子，团长辛苦啦。可爱的招财猫气质也是无人能比的，以后一定请你来我家帮我招招财运。老王(王珏)，你是忍受我们叽叽喳喳最多的人，难为你了。很喜欢听你普及政治的知识，咋可以这么渊博呢！大美女玄仔(张文玄)，我们团的总体颜值靠你撑着了。我们的形象代言人，明明可以靠颜值吃饭的人，头脑还非常强大，时尚界和科研界你可以随时来回穿梭，表示我要抱紧大腿、不放手了。老张(张伟)，给人酷酷的感觉，轻易不说话，但说起话来那就是你的舞台，睿智的很。曾经还在团里的蒙哥(王蒙)，你真的是很讲义气的妹子，也很善良、体贴。还记得我们两还对爱情观进行过辩论，愿你找到心中所想的他。娇娇(张永娇)，没有到我们团发展，我们团损失了。钦佩你的精力、你的为人处事，喜欢和你谈天说地，更多地去交流内心的感受，能够成为你的朋友，开心！积极向上的心态，勇于走出舒适圈的勇敢 girl。罗马之行没有一起，希望有机会能够国内一起出游。姐妹们，超级感激你们对我的包容，关照，鼓励和支持，比心！让我们国内再聚齐。还有那些，希望有机会能够再走近些的美女朋友们：Keni(杨科妮，冻龄在18岁的小美女，羡慕)，宙宙(王宜宙，超级平易近人，性格也太好了吧)，娜娜(耿雅娜，每次见你都是文文静静的样子)，珊珊(宋珊珊，第一次你贤惠的形象和后来干练的样子都让人印象深刻)，杰琳师姐(张杰琳，专业能力好强哦，而且饱读诗书，和你交流真的是一种享受)和小娟师妹(也是很可爱的小仙女哟)。虽然我们相聚比较少，但坐到一起依然可以谈天说地，一起聊聊科研进展和不着边际的八卦。

据说我们 hoendiep 是中国城呢，也是再同意不过了。刚开始来的半年，我们基本上每周一聚，然后季师兄家就成了我们的聚餐根据地，甚至工作日下班后大家都会端着各自做好的的菜聚在一起吃，科研任务不重时的我们真是快活哟！

季师兄（季成涛），绝对靠谱、值得信赖的好朋友，印象中师兄还没对我们说过不呢。何维师兄，也是一位热心肠的师兄，我们聚餐的主力大厨。Hoendiep有你们两个师兄在，我们真是不怕蹭不到饭，有大厨和场地，生活很完美呀。闫师兄（闫星辰），很低调的学术达人，低调的为人下隐藏着幽默的灵魂。还有我们的大神（顾先明），博学幽默的你，对于各种话题都不在话下，厉害了。款姐（彭小红），小红，刀子嘴豆腐心说的就是你本人啦。知道你的人，懂你的善良、热心肠。你的独立也是成就了你的性格，你时刻武装着自己，让自己优秀，你做到了，棒棒哒！加油，我们未来的主治医师。小真真（秦语真）和杉杉（葛杉杉），有幸和你们成为好朋友，有好吃好玩的总能想起我，更重要的是你们会设身处地为我着想，给我各种建议，感激。美杉儿，我的形象顾问，以后很可能要跨洋指导我了，期待你们在美国的生活。昊姐姐（郭昊）和田宇师妹，聚餐的气氛一定要有昊姐姐，活跃气氛的能力我们都无法胜任呢。感谢美美的田宇师妹的盛情款待，你的笑很有感染力哦。海哥（付海根），双商都高的人，优秀如你，未来的学术骨干指日可待。许爸爸（许亮），稳重的爸爸形象深入人心，总是对未来有着长远的打算，一家人好幸福。丛师姐（丛郢颖），还记得你在季师兄家做的炸酱面，超级赞！葛大爷（葛洛），绝对的好邻居，超级感谢你的各种帮忙哦。姚鹏师弟，待客如此周到的师弟，真是不多见呢！谢谢每次的款待，愿师弟博士一切顺利。

还有中国城以外的小伙伴们，也是很多乐趣呢。苏和苏姐夫，文艺的苏，很喜欢你的画，也很赞叹你多姿多彩的生活，越来越同意，好朋友在一起，即使不用刻意去开始话题，待在一起就会很舒服。姐夫，乐观的内蒙汉子，感觉你总能笑对一切。祝你们的小宝宝健康快乐地成长。庆凯师兄（杨庆凯）和大萌萌（王萌），早点和你们认识该多好，可以早些多了一个吃美食、聊天南地北，谈心的地方。你们总是做好一桌好饭，备好一瓶好酒，等待我们大家的扫荡。回国一定还去蹭吃的。段丛，我们分享过很多小秘密哦，完全不介意我们继续探讨对未来家庭的想法。帅哥师兄（冯帅），真是被科研耽误了的吉他小能手，科研和演艺事业可以齐头并进呢。晓东师兄和宝杰师姐，谢谢你们在我焦头烂额时，给我定心丸般的开导。宝杰师姐，你喝醉的样子真的我见过最可爱的人了。邵闫和王总（王帆），幸运没有错过你们这对朋友。好喜欢你们两的相处方式和人生态度，积极向上，努力朝着自己的目标不停迈进。你们的爱情故事，可以找个编剧写成剧本啦，我一定拜读。晶晶师姐（邓晶晶），从来没有见过你丧着脸的样子，时刻爱笑的你，好运肯定都不愿与你错过！也感谢第一次去圣诞市场、不来梅之行的小伙伴们：华堂师兄（曹华堂）、媛媛小伙伴（王媛媛）和李静，多亏有你们让我加入你们，德国烤肠圣诞酒，问你快乐有没有。田蓓和水哥（郭淼），谢谢你们的情款待哦，我的格村写真怎么就泡汤了呢，蓓蓓，你快回来呀。小宇（张宏宇），我的网球好搭档，为师都不敢再喊你徒弟了，你的网球水平蹭蹭地提高了好多级，以后我要来取经了。大笨熊（陈倩），师妹呀，你怎么可以如此幽默呢，和你聚餐肚子会痛的。主播师妹（吴

颖颖)，做美食总是很精致，具有一颗热爱生活的心，感谢会记得给我带国内的美食。小媛子（黎晓媛），每次和你聊天都会很舒服，赞叹你睿智的头脑和欣赏你洒脱的性格。

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