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ผู้ได้รับพระราชทานทุนโครงการเยาวชนรางวัลสมเด็จพระเจ้าพี่นางเธอ ประจำปี 2558 (รุ่นที่ 7)

โครงการ: Reveal the truth behind the complexity of chronic diseases using a systems approach

อาจารย์ที่ปรึกษา: ผศ. ดร.สมพลนาท สัมปัตตะวนิช ศ. นพ.มานพ พิทักษ์ภากร และ รศ. นพ.นิธิพัฒน์ เจียรกุล

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Publication and presentation:

● Publication

1. Sordillo JE, Lutz SM, Jorgenson E, Iribarren C, McGeachie M, Dahlin A, et al. A polygenic risk score for asthma in a large racially diverse population. *Clin Exp Allergy*. 10.1111/cea.14007
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3. Moll M, Lutz SM, Ghosh AJ, **Sakornsakolpat P**, Hersh CP, Beaty TH, et al. Relative contributions of family history and a polygenic risk score on COPD and related outcomes: COPDGene and ECLIPSE studies. *BMJ Open Respir Res*. 2020 11; 7(1): e000755.
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12. Shrine N, Guyatt AL, Erzurumluoglu AM, Jackson VE, Hobbs BD, Melbourne CA, et al. New genetic signals for lung function highlight pathways and chronic obstructive pulmonary disease associations across multiple ancestries. *Nat Genet.* 2019 03; 51(3): 481-93.
13. **Sakornsakolpat P**, McCormack M, Bakke P, Gulsvik A, Make BJ, Crapo JD, et al. Genome-Wide Association Analysis of Single-Breath DLCO. *Am J Respir Cell Mol Biol.* 2019 05; 60(5): 523-31.
14. Boueiz A, Pham B, Chase R, Lamb A, Lee S, Naing ZZC, et al. Integrative Genomics Analysis Identifies *ACVR1B* as a Candidate Causal Gene of Emphysema Distribution. *Am J Respir Cell Mol Biol.* 2019 04; 60(4): 388-98.
15. Heinzman JT, Hoth KF, Cho MH, **Sakornsakolpat P**, Regan EA, Make BJ, et al. GWAS and systems biology analysis of depressive symptoms among smokers from the COPDGene cohort. *J Affect Disord.* 2019 01 15; 243: 16-22.
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** these authors contribute equally*

- **Presentation**

1. **Sakornsakolpat P**, Morrow JD, Castaldi PJ, Hersh CP, Silverman EK, Manichaikul A, et al. Novel genes identified by integrating genome-wide association analysis with transcriptomics in severe chronic obstructive pulmonary disease and quantitative emphysema (Abstract). 67th Annual Meeting of The American Society of Human Genetic. Orlando, Florida, USA, Oct 19, 2017