



## Kevin Sohail Kolahi

Resident in Pathology

### Publications

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#### PUBLICATIONS

- **A CRISPR/Cas9-engineered ARID1A-deficient human gastric cancer organoid model reveals essential and non-essential modes of oncogenic transformation.** *Cancer discovery*  
Lo, Y. H., Kolahi, K. S., Du, Y. n., Chang, C. Y., Krokhotin, A. n., Nair, A. n., Sobba, W. D., Karlsson, K. n., Jones, S. J., Longacre, T. A., Mah, A. T., Tercan, B. n., Sockell, et al  
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- **Organoids as Oracles for Precision Medicine in Rectal Cancer** *CELL STEM CELL*  
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- **What's so special about lipid transport in the human placenta?** *JOURNAL OF PHYSIOLOGY-LONDON*  
Thornburg, K. L., Kolahi, K. S., Valent, A. M.  
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- **Endoscopic Submucosal Dissection is Associated with Less Pathologic Uncertainty than Endoscopic Mucosal Resection in Diagnosing and Staging Barrett's- Related Neoplasia.** *Digestive endoscopy : official journal of the Japan Gastroenterological Endoscopy Society*  
Podboy, A., Kolahi, K. S., Friedland, S., Louie, C. Y.  
2019
- **Real-time microscopic assessment of fatty acid uptake kinetics in the human term placenta.** *Placenta*  
Kolahi, K. S., Valent, A. M., Thornburg, K. L.  
2018; 72-73: 1–9
- **Cytotrophoblast, Not Syncytiotrophoblast, Dominates Glycolysis and Oxidative Phosphorylation in Human Term Placenta** *SCIENTIFIC REPORTS*  
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2016; 48: S47-S53
- **IFPA meeting 2015 workshop report IV: placenta and obesity; stem cells of the feto-maternal interface; placental immunobiology and infection** *PLACENTA*  
Abumaree, M. H., Almutairi, A., Cash, S., Boeuf, P., Chamley, L. W., Gamage, T., James, J. L., Kalionis, B., Khong, T. Y., Kolahi, K. S., Lim, R., Liong, S., Morgan, et al  
2016; 48: S17-S20

- **Real-Time Tracking of BODIPY-C12 Long-Chain Fatty Acid in Human Term Placenta Reveals Unique Lipid Dynamics in Cytotrophoblast Cells** *PLOS ONE*  
Kolahi, K., Louey, S., Varlamov, O., Thornburg, K.  
2016; 11 (4)
- **Use of a mouse in vitro fertilization model to understand the developmental origins of health and disease hypothesis.** *Endocrinology*  
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- **Effect of Substrate Stiffness on Early Mouse Embryo Development** *PLOS ONE*  
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- **Impaired Placental Nutrient Transport in Mice Generated by in Vitro Fertilization** *ENDOCRINOLOGY*  
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- **Mechanotransduction: a major regulator of homeostasis and development** *WILEY INTERDISCIPLINARY REVIEWS-SYSTEMS BIOLOGY AND MEDICINE*  
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- **Molecular mechanics of filamin's rod domain** *BIOPHYSICAL JOURNAL*  
Kolahi, K. S., Mofrad, M. R.  
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