



## Ronald J. Wong

Sr Res Scientist-Basic Ls, Pediatrics - Neonatology

### Bio

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#### CURRENT ROLE AT STANFORD

Senior Research Scientist

### Publications

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#### PUBLICATIONS

- **Single-cell spatiotemporal dissection of the human maternal-fetal interface.** *Nature*  
Wang, C., Zhou, Y., Wang, Y., Guha, T. K., Luo, Z., Mustafaraj, A., McIntyre, T. I., Schwab, M. E., Davidson, B. R., Reeder, G. C., Wong, R. J., England, S. K., Gonzalez, et al  
2026
- **Large Language Models for Maternal and Neonatal Healthcare in Low- and Middle-Income Countries.** *The Journal of pediatrics*  
Yu, L., Darmstadt, G. L., Ward, V., Wong, R. J., Stevenson, D. K., Maric, I.  
2026: 115037
- **Evidence That Cerebral Visual Impairment May Evolve After Initial Brain Injury.** *Ophthalmology*  
Good, W. V., Wong, R. J., Hou, C., Cellucci, J., Richburg, D., Loveridge-Easther, C., Norcia, A. M., Stevenson, D. K., Bhutani, V. K.  
2026
- **Maternal lipidomic signatures of preterm and small-for-gestational-age newborn infants in low- and middle-income countries.** *Science advances*  
Marić, I., Mahzarnia, A., Mujuru, H. A., Chimhini, G., Saha, S. K., Shameem Hassan, M., Otieno, N. A., Hawken, S., Wilson, K., Shen, X., Lancaster, S., Wong, R. J., Reiss, et al  
2025; 11 (49): eadu9145
- **Inhibitory Potency of a Plant-Based Zinc Protoporphyrin on Heme Oxygenase Activity.** *Neonatology*  
Muchová, L., Reddy, G. S., Wells, G. S., Zhao, H., Vreman, H. J., Wong, R. J., Stevenson, D. K.  
2025: 1-5
- **Single-cell-level digital twins for preterm birth prevention strategies.** *bioRxiv : the preprint server for biology*  
Einhaus, J., Neidlinger, P., Fondeur, O., Sato, M., Anronikov, A., Miyazaki, K., Amar, J. N., Ando, K., Badea, V., Gaudilliere, D. K., Sabayev, M., Feyaerts, D., Diop, et al  
2025
- **A clinician's musings on oxygen: Too little or too much with life in the balance.** *Journal of perinatology : official journal of the California Perinatal Association*  
Stevenson, D. K., Wong, R. J., Reiss, J. D., Marić, I., Paşca, A. M., Ahern, T. L.  
2025
- **Metabolomic Profiles During and After a Hypertensive Disorder of Pregnancy: The EPOCH Study.** *International journal of molecular sciences*  
Hlatky, M. A., Shu, C. H., Bararpour, N., Murphy, B. M., Sorondo, S. M., Leeper, N. J., Wong, F., Stevenson, D. K., Shaw, G. M., Stefanick, M. L., Boyd, H. A., Melbye, M., Sedan, et al

2025; 26 (13)

- **A New Way of Knowing When a Newborn's Jaundice Is Dangerous: Are We Ready for 'R'?** *Acta paediatrica (Oslo, Norway : 1992)*  
Stevenson, D. K., Wong, R. J.  
2025
- **AI-guided precision parenteral nutrition for neonatal intensive care units.** *Nature medicine*  
Phongpreecha, T., Ghanem, M., Reiss, J. D., Oskotsky, T., Mataraso, S. J., De Francesco, D., Reincke, S. M., Espinosa, C., Chung, P., Ng, T., Costello, J. M., Sequoia, J. A., Razdan, et al  
2025
- **A machine learning approach to leveraging electronic health records for enhanced omics analysis (vol 7, pg 293, 2025) NATURE MACHINE INTELLIGENCE**  
Mataraso, S. J., Espinosa, C. A., Seong, D., Reincke, S., Berson, E., Reiss, J. D., Kim, Y., Ghanem, M., Shu, C., James, T., Tan, Y., Shome, S., Stelzer, et al  
2025
- **Persistence of a Proteomic Signature After a Hypertensive Disorder of Pregnancy.** *Hypertension (Dallas, Tex. : 1979)*  
Hlatky, M. A., Shu, C. H., Stevenson, D. K., Shaw, G. M., Stefanick, M. L., Boyd, H. A., Melbye, M., Plummer, X. D., Sedan, O., Wong, R. J., Aghaeepour, N., Winn, V. D.  
2025
- **Effect of bilirubin on visuocortical development in preterm infants.** *Journal of perinatology : official journal of the California Perinatal Association*  
Good, W. V., Wong, R. J., Norcia, A. M., Hou, C., Cellucci, J., McGovern, M. Q., Wong-Kee-You, A., Acevedo Munares, G., Richburg, D., Loveridge-Easter, C., Lee, J. S., DeJesus, L., Slagle, et al  
2025
- **Unbound bilirubin and risk of severe neurodevelopmental impairment in extremely low birthweight newborns.** *Pediatric research*  
Arnold, C. C., Maric, I., Wong, R. J., Tyson, J. E., Stevenson, D. K.  
2025
- **Advancing neonatal health: the promise and challenges of universal genome sequencing in newborn screening.** *Pediatric research*  
Stevenson, D. K., Wong, R. J., Reiss, J. D., Shaw, G. M., Aghaeepour, N., Mahzarnia, A., Marić, I.  
2025
- **A machine learning approach to leveraging electronic health records for enhanced omics analysis.** *Nature machine intelligence*  
Mataraso, S. J., Espinosa, C. A., Seong, D., Reincke, S. M., Berson, E., Reiss, J. D., Kim, Y., Ghanem, M., Shu, C. H., James, T., Tan, Y., Shome, S., Stelzer, et al  
2025; 7 (2): 293-306
- **A machine learning approach to leveraging electronic health records for enhanced omics analysis NATURE MACHINE INTELLIGENCE**  
Mataraso, S. J., Espinosa, C. A., Seong, D., Reincke, S., Berson, E., Reiss, J. D., Kim, Y., Ghanem, M., Shu, C., James, T., Tan, Y., Shome, S., Stelzer, et al  
2025
- **Prediction of risk for early or very early preterm births using high-resolution urinary metabolomic profiling.** *BMC pregnancy and childbirth*  
Zhang, Y., Sylvester, K. G., Wong, R. J., Blumenfeld, Y. J., Hwa, K. Y., Chou, C. J., Thyparambil, S., Liao, W., Han, Z., Schilling, J., Jin, B., Marić, I., Aghaeepour, et al  
2024; 24 (1): 783
- **Towards a new taxonomy of preterm birth.** *Journal of perinatology : official journal of the California Perinatal Association*  
Stevenson, D. K., Chang, A. L., Wong, R. J., Reiss, J. D., Gaudillière, B., Sylvester, K. G., Ling, X. B., Angst, M. S., Shaw, G. M., Katz, M., Aghaeepour, N., Marić, I.  
2024
- **VMAP: Vaginal Microbiome Atlas during Pregnancy.** *JAMIA open*  
Parraga-Leo, A., Oskotsky, T. T., Oskotsky, B., Wibrand, C., Roldan, A., Tang, A. S., Ha, C. W., Wong, R. J., Minot, S. S., Andreoletti, G., Kostić, I., Theis, K. R., Ng, et al  
2024; 7 (3): ooae099
- **Generating pregnant patient biological profiles by deconvoluting clinical records with electronic health record foundation models.** *Briefings in bioinformatics*

- Seong, D., Mataraso, S., Espinosa, C., Berson, E., Reincke, S. M., Xue, L., Kashiwagi, C., Kim, Y., Shu, C. H., Chung, P., Ghanem, M., Xie, F., Wong, et al  
2024; 25 (6)
- **Association of pregnancy complications and postpartum maternal leukocyte telomeres in two diverse cohorts: a nested case-control study.** *BMC pregnancy and childbirth*  
Panelli, D. M., Wang, X., Mayo, J., Wong, R. J., Hong, X., Becker, M., Aghaeepour, N., Druzin, M. L., Zuckerman, B. S., Stevenson, D. K., Shaw DrPH, G. M., Bianco, K.  
2024; 24 (1): 490
  - **Mode of delivery predicts postpartum maternal leukocyte telomere length.** *European journal of obstetrics, gynecology, and reproductive biology*  
Panelli, D. M., Mayo, J. A., Wong, R. J., Becker, M., Feyaerts, D., Marić, I., Wu, E., Gotlib, I. H., Gaudillière, B., Aghaeepour, N., Druzin, M. L., Stevenson, D. K., Shaw, et al  
2024; 300: 224-229
  - **Predicting Preterm Birth Using Proteomics.** *Clinics in perinatology*  
Marić, I., Stevenson, D. K., Aghaeepour, N., Gaudillière, B., Wong, R. J., Angst, M. S.  
2024; 51 (2): 391-409
  - **Solving the Puzzle of Preterm Birth.** *Clinics in perinatology*  
Stevenson, D. K., Winn, V. D., Shaw, G. M., England, S. K., Wong, R. J.  
2024; 51 (2): 291-300
  - **Preterm Birth.** *Clinics in perinatology*  
Wong, R. J., Shaw, G. M., Stevenson, D. K.  
2024; 51 (2): xxv-xxvi
  - **Is it time for a precision health approach to the management of newborn hyperbilirubinemia?** *Journal of perinatology : official journal of the California Perinatal Association*  
Stevenson, D. K., Wells, G. S., Wong, R. J.  
2024
  - **Large-scale proteomics in the first trimester of pregnancy predict psychopathology and temperament in preschool children: an exploratory study.** *Journal of child psychology and psychiatry, and allied disciplines*  
Buthmann, J. L., Miller, J. G., Aghaeepour, N., King, L. S., Stevenson, D. K., Shaw, G. M., Wong, R. J., Gotlib, I. H.  
2024
  - **Integrative analysis of noncoding mutations identifies the druggable genome in preterm birth.** *Science advances*  
Wang, C., Wang, Y. J., Ying, L., Wong, R. J., Quaintance, C. C., Hong, X., Neff, N., Wang, X., Biggio, J. R., Mesiano, S., Quake, S. R., Alvira, C. M., Cornfield, et al  
2024; 10 (3): eadk1057
  - **Microbiome preterm birth DREAM challenge: Crowdsourcing machine learning approaches to advance preterm birth research.** *Cell reports. Medicine*  
Golob, J. L., Oskotsky, T. T., Tang, A. S., Roldan, A., Chung, V., Ha, C. W., Wong, R. J., Flynn, K. J., Parraga-Leo, A., Wibrand, C., Minot, S. S., Oskotsky, B., Andreoletti, et al  
2023: 101350
  - **The placental vasculature is affected by changes in gene expression and glycogen-rich cells in a diet-induced obesity mouse model.** *PLoS one*  
Zhao, H., Wong, R. J., Stevenson, D. K.  
2023; 18 (11): e0294185
  - **Challenges to the study of gender dysphoria.** *Acta paediatrica (Oslo, Norway : 1992)*  
Stevenson, D. K., Murray, J. C., Muglia, L. J., Wong, R. J., Katz, M.  
2023
  - **Comparative predictive power of serum vs plasma proteomic signatures in fetomaternal medicine.** *AJOG global reports*  
Espinosa, C., Ali, S. M., Khan, W., Khanam, R., Pervin, J., Price, J. T., Rahman, S., Hasan, T., Ahmed, S., Raqib, R., Rahman, M., Aktar, S., Nisar, et al  
2023; 3 (3): 100244

- **A "Gold Standard" Test for Diagnosing and Quantifying Hemolysis in Neonates and Infants.** *Journal of perinatology : official journal of the California Perinatal Association*  
Christensen, R. D., Bahr, T. M., Wong, R. J., Vreman, H. J., Bhutani, V. K., Stevenson, D. K.  
2023
- **Abrupt perturbation and delayed recovery of the vaginal ecosystem following childbirth.** *Nature communications*  
Costello, E. K., DiGiulio, D. B., Robaczewska, A., Symul, L., Wong, R. J., Shaw, G. M., Stevenson, D. K., Holmes, S. P., Kwon, D. S., Relman, D. A.  
2023; 14 (1): 4141
- **Breath: The Exhaust of Metabolism** *JOURNAL OF PEDIATRICS*  
Stevenson, D. K., Maric, I., Wong, R. J.  
2023; 257: 1-3
- **Development of a Urine Metabolomics Biomarker-Based Prediction Model for Preeclampsia during Early Pregnancy.** *Metabolites*  
Zhang, Y., Sylvester, K. G., Jin, B., Wong, R. J., Schilling, J., Chou, C. J., Han, Z., Luo, R. Y., Tian, L., Ladella, S., Mo, L., Maric, I., Blumenfeld, et al  
2023; 13 (6)
- **Multiomic signals associated with maternal epidemiological factors contributing to preterm birth in low- and middle-income countries.** *Science advances*  
Espinosa, C. A., Khan, W., Khanam, R., Das, S., Khalid, J., Pervin, J., Kasaro, M. P., Contrepolis, K., Chang, A. L., Phongpreecha, T., Michael, B., Ellenberger, M., Mehmood, et al  
2023; 9 (21): eade7692
- **Target-agnostic drug prediction integrated with medical record analysis uncovers differential associations of statins with increased survival in COVID-19 patients.** *PLoS computational biology*  
Sperry, M. M., Oskotsky, T. T., Marić, I., Kaushal, S., Takeda, T., Horvath, V., Powers, R. K., Rodas, M., Furlong, B., Soong, M., Prabhala, P., Goyal, G., Carlson, et al  
2023; 19 (5): e1011050
- **Breath: The Exhaust of Metabolism.** *The Journal of pediatrics*  
Stevenson, D. K., Marić, I., Wong, R. J.  
2023
- **Heme, Heme Oxygenase-1, Statins, and SARS-CoV-2.** *Antioxidants (Basel, Switzerland)*  
Stevenson, D. K., Vreman, H. J., Wong, R. J.  
2023; 12 (3)
- **Prefrontal activation in preschool children is associated with maternal adversity and child temperament: A preliminary fNIRS study of inhibitory control** *DEVELOPMENTAL PSYCHOBIOLOGY*  
Miller, J. G. G., Hyat, M., Perlman, S. B. B., Wong, R. J. J., Shaw, G. M. M., Stevenson, D. K. K., Gottlib, I. H. H.  
2023; 65 (1): e22351
- **Early prediction and longitudinal modeling of preeclampsia from multiomics.** *Patterns (New York, N.Y.)*  
Maric, I., Contrepolis, K., Moufarrej, M. N., Stelzer, I. A., Feyaerts, D., Han, X., Tang, A., Stanley, N., Wong, R. J., Traber, G. M., Ellenberger, M., Chang, A. L., Fallahzadeh, et al  
2022; 3 (12): 100655
- **Omics approaches: interactions at the maternal-fetal interface and origins of child health and disease.** *Pediatric research*  
Ozen, M., Aghaeepour, N., Maric, I., Wong, R. J., Stevenson, D. K., Jantzie, L. L.  
2022
- **HMOX1 Genetic Polymorphisms Display Ancestral Diversity and May Be Linked to Hypertensive Disorders in Pregnancy.** *Reproductive sciences (Thousand Oaks, Calif.)*  
Sun, T., Cruz, G. I., Mousavi, N., Maric, I., Brewer, A., Wong, R. J., Aghaeepour, N., Sayed, N., Wu, J. C., Stevenson, D. K., Leonard, S. A., Gymrek, M., Winn, et al  
2022
- **Bilirubin-induced neurotoxicity and visuocortical dysfunction.** *Journal of perinatology : official journal of the California Perinatal Association*  
Good, W. V., Wong, R. J., Norcia, A. M., Stevenson, D. K., Slagel, T., Hou, C., Bhutani, V. K.  
2022

- **Prediction of gestational age using urinary metabolites in term and preterm pregnancies.** *Scientific reports*  
Contrepois, K., Chen, S., Ghaemi, M. S., Wong, R. J., Alliance for Maternal and Newborn Health Improvement (AMANHI), Global Alliance to Prevent Prematurity and Stillbirth (GAPPS), Shaw, G., Stevenson, D. K., Aghaeepour, N., Snyder, M. P., Jehan, F., Sazawal, S., Baqui, A. H., Nisar, et al  
2022; 12 (1): 8033
- **Early prediction of preeclampsia in pregnancy with cell-free RNA.** *Nature*  
Moufarrej, M. N., Vorperian, S. K., Wong, R. J., Campos, A. A., Quaintance, C. C., Sit, R. V., Tan, M., Detweiler, A. M., Mekonen, H., Neff, N. F., Baruch-Gravett, C., Litch, J. A., Druzin, et al  
2022
- **MULTIOMICS LONGITUDINAL MODELING OF PREECLAMPTIC PREGNANCIES**  
Espinosa, C., Maric, I., Contrepois, K., Moufarrej, M., Stelzer, I. S., Feyaerts, D., Han, X., Tang, A., Wong, R. J., Darmstadt, G. L., Winn, V. D., Shaw, G. M., Relman, et al  
BMJ PUBLISHING GROUP.2022: 309
- **Revealing the impact of lifestyle stressors on the risk of adverse pregnancy outcomes with multitask machine learning.** *Frontiers in pediatrics*  
Becker, M., Dai, J., Chang, A. L., Feyaerts, D., Stelzer, I. A., Zhang, M., Berson, E., Saarunya, G., De Francesco, D., Espinosa, C., Kim, Y., Maric, I., Mataraso, et al  
2022; 10: 933266
- **Maternal stress and its consequences - biological strain.** *American journal of perinatology*  
Stevenson, D. K., Gotlib, I. H., Buthmann, J. L., Maric, I., Aghaeepour, N., Gaudilliere, B., Angst, M. S., Darmstadt, G. L., Druzin, M. L., Wong, R. J., Shaw, G. M., Katz, M.  
2022
- **Perinatal infection, inflammation, preterm birth, and brain injury: A review with proposals for future investigations.** *Experimental neurology*  
Reiss, J. D., Peterson, L. S., Nesamoney, S. N., Chang, A. L., Pasca, A. M., Marić, I., Shaw, G. M., Gaudilliere, B., Wong, R. J., Sylvester, K. G., Bonifacio, S. L., Aghaeepour, N., Gibbs, et al  
2022: 113988
- **Black swans and ambitious overgeneralization in newborn intensive care.** *Pediatric research*  
Stevenson, D. K., Wong, R. J., Shaw, G. M., Aghaeepour, N., Maric, I., Prince, L. S., Reiss, J. D., Katz, M.  
2021
- **Integrated trajectories of the maternal metabolome, proteome, and immunome predict labor onset.** *Science translational medicine*  
Stelzer, I. A., Ghaemi, M. S., Han, X., Ando, K., Hedou, J. J., Feyaerts, D., Peterson, L. S., Rumer, K. K., Tsai, E. S., Ganio, E. A., Gaudilliere, D. K., Tsai, A. S., Choisy, et al  
2021; 13 (592)
- **Understanding how biologic and social determinants affect disparities in preterm birth and outcomes of preterm infants in the NICU.** *Seminars in perinatology*  
Stevenson, D. K., Aghaeepour, N., Maric, I., Angst, M. S., Darmstadt, G. L., Druzin, M. L., Gaudilliere, B., Ling, X. B., Moufarrej, M. N., Peterson, L. S., Quake, S. R., Relman, D. A., Snyder, et al  
2021: 151408
- **Proteomic signatures predict preeclampsia in individual cohorts but not across cohorts - implications for clinical biomarker studies.** *The journal of maternal-fetal & neonatal medicine : the official journal of the European Association of Perinatal Medicine, the Federation of Asia and Oceania Perinatal Societies, the International Society of Perinatal Obstetricians*  
Ghaemi, M. S., Tarca, A. L., Romero, R. n., Stanley, N. n., Fallahzadeh, R. n., Tanada, A. n., Culos, A. n., Ando, K. n., Han, X. n., Blumenfeld, Y. J., Druzin, M. L., El-Sayed, Y. Y., Gibbs, et al  
2021: 1–8
- **Mortality Risk Among Patients With COVID-19 Prescribed Selective Serotonin Reuptake Inhibitor Antidepressants.** *JAMA network open*  
Oskotsky, T., Maric, I., Tang, A., Oskotsky, B., Wong, R. J., Aghaeepour, N., Sirota, M., Stevenson, D. K.  
2021; 4 (11): e2133090
- **The Impact of Hypoxia in Early Pregnancy on Placental Cells.** *International journal of molecular sciences*  
Zhao, H., Wong, R. J., Stevenson, D. K.  
2021; 22 (18)

- **A Peripheral Immune Signature of Labor Induction.** *Frontiers in immunology*  
Ando, K., Hédou, J. J., Feyaerts, D., Han, X., Ganio, E. A., Tsai, E. S., Peterson, L. S., Verdonk, F., Tsai, A. S., Marić, I., Wong, R. J., Angst, M. S., Aghaeepour, et al  
2021; 12: 725989
- **Decreased Mortality Rate Among COVID-19 Patients Prescribed Statins: Data From Electronic Health Records in the US.** *Frontiers in medicine*  
Maric, I., Oskotsky, T., Kosti, I., Le, B., Wong, R. J., Shaw, G. M., Sirota, M., Stevenson, D. K.  
2021; 8: 639804
- **Data-Driven Modeling of Pregnancy-Related Complications.** *Trends in molecular medicine*  
Espinosa, C. n., Becker, M. n., Marić, I. n., Wong, R. J., Shaw, G. M., Gaudilliere, B. n., Aghaeepour, N. n., Stevenson, D. K.  
2021
- **Maternal metabolic profiling to assess fetal gestational age and predict preterm delivery: a two-centre retrospective cohort study in the US.** *BMJ open*  
Sylvester, K. G., Hao, S., You, J., Zheng, L., Tian, L., Yao, X., Mo, L., Ladella, S., Wong, R. J., Shaw, G. M., Stevenson, D. K., Cohen, H. J., Whitin, et al  
2020; 10 (12): e040647
- **A novel point-of-care device for measuring glucose-6-phosphate dehydrogenase enzyme deficiency.** *Seminars in perinatology*  
Wong, R. J., Montiel, C., Kunda, M., Stevenson, D. K., Bhutani, V. K.  
2020: 151356
- **Dysregulation of hypoxia-inducible factor-1alpha (Hif1alpha) expression in the Hmox1-deficient placenta.** *Placenta*  
Zhao, H., Narasimhan, P., Kalish, F., Wong, R. J., Stevenson, D. K.  
2020; 99: 108–16
- **Molecular Physiology and Pathophysiology of Bilirubin Handling by the Blood, Liver, Intestine, and Brain in the Newborn.** *Physiological reviews*  
Hansen, T. W., Wong, R. J., Stevenson, D. K.  
2020; 100 (3): 1291–1346
- **Towards personalized medicine in maternal and child health: integrating biologic and social determinants.** *Pediatric research*  
Stevenson, D. K., Wong, R. J., Aghaeepour, N., Maric, I., Angst, M. S., Contrepois, K., Darmstadt, G. L., Druzin, M. L., Eisenberg, M. L., Gaudilliere, B., Gibbs, R. S., Gottlieb, I. H., Gould, et al  
2020
- **Charles E. Ahlfors (1944-2020).** *Pediatric research*  
Wennberg, R. P., Wong, R. J., Shapiro, S. M., Tiribelli, C.  
2020
- **Cycled Phototherapy Dose-Finding Study for Extremely Low-Birth-Weight Infants: A Randomized Clinical Trial.** *JAMA pediatrics*  
Arnold, C., Tyson, J. E., Pedroza, C., Carlo, W. F., Stevenson, D. K., Wong, R., Dempsey, A., Khan, A., Fonseca, R., Wyckoff, M., Moreira, A., Lasky, R.  
2020
- **Cellular Aging in Pregnancy: Telomere Dynamics Across Gestation.**  
Panelli, D. M., Leonard, S. A., Wong, R. J., Girsan, A. I., Baskovic, M., Stevenson, D. K., Bianco, K.  
SPRINGER HEIDELBERG.2020: 127A–128A
- **Dysregulation of HIF1a Impairs Placental Angiogenesis in Heme Oxygenase-1-Deficient Pregnancies.**  
Zhao, H., Narasimhan, P., Kalish, F., Winn, V. D., Wong, R. J., Stevenson, D. K.  
SPRINGER HEIDELBERG.2020: 256A
- **Multi-Omic, Longitudinal Profile of Third-Trimester Pregnancies Identifies a Molecular Switch That Predicts the Onset of Labor.**  
Stelzer, I., Ghaemi, M., Han, X., Ando, K., Peterson, L., Contrepois, K., Ganio, E., Tsai, A., Tsai, E., Rumer, K., Stanley, N., Fallazadeh, R., Becker, et al  
SPRINGER HEIDELBERG.2020: 89A
- **Multiomic immune clockworks of pregnancy.** *Seminars in immunopathology*

- Peterson, L. S., Stelzer, I. A., Tsai, A. S., Ghaemi, M. S., Han, X. n., Ando, K. n., Winn, V. D., Martinez, N. R., Contrepolis, K. n., Moufarrej, M. N., Quake, S. n., Relman, D. A., Snyder, et al  
2020
- **Multomics Characterization of Preterm Birth in Low- and Middle-Income Countries.** *JAMA network open*  
Jehan, F. n., Sazawal, S. n., Baqui, A. H., Nisar, M. I., Dhingra, U. n., Khanam, R. n., Ilyas, M. n., Dutta, A. n., Mitra, D. K., Mehmood, U. n., Deb, S. n., Mahmud, A. n., Hotwani, et al  
2020; 3 (12): e2029655
  - **Computational discovery of therapeutic candidates for preventing preterm birth.** *JCI insight*  
Le, B. L., Iwatani, S. n., Wong, R. J., Stevenson, D. K., Sirota, M. n.  
2020; 5 (3)
  - **Changes in pregnancy-related serum biomarkers early in gestation are associated with later development of preeclampsia.** *PloS one*  
Hao, S. n., You, J. n., Chen, L. n., Zhao, H. n., Huang, Y. n., Zheng, L. n., Tian, L. n., Maric, I. n., Liu, X. n., Li, T. n., Bianco, Y. K., Winn, V. D., Aghaeepour, et al  
2020; 15 (3): e0230000
  - **Investigating Pregnancy and Its Complications Using Circulating Cell-Free RNA in Women's Blood During Gestation.** *Frontiers in pediatrics*  
Moufarrej, M. N., Wong, R. J., Shaw, G. M., Stevenson, D. K., Quake, S. R.  
2020; 8: 605219
  - **VoPo leverages cellular heterogeneity for predictive modeling of single-cell data.** *Nature communications*  
Stanley, N. n., Stelzer, I. A., Tsai, A. S., Fallahzadeh, R. n., Ganio, E. n., Becker, M. n., Phongpreecha, T. n., Nassar, H. n., Ghaemi, S. n., Maric, I. n., Culos, A. n., Chang, A. L., Xenochristou, et al  
2020; 11 (1): 3738
  - **Comments on the 20th Anniversary of NeoReviews.** *NeoReviews*  
Stevenson, D. K., Wong, R. J., Hay, W. W.  
2020; 21 (10): e643–e648
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