

Peer Reviewed Publications

1. Fong DD, Yamashiro KJ, Johnson MA, Vali K, **Galganski LA**, Pivetti CD, Farmer DL, Hendriana HL, Ghiasi S. Evaluation of a Non-invasive Transabdominal Fetal Pulse Oximeter. Accepted to *IEEE Transactions on Biomedical Engineering* June 2020.
2. Fong DD, Yamashiro KJ, Johnson MA, Vali K, **Galganski LA**, Pivetti CD, Farmer DL, Hendriana HL, Ghiasi S. Validation of a Novel Transabdominal Fetal Oximeter in a Hypoxic Fetal Sheep Model. Accepted to *Reproductive Sciences* April 2020.
3. Yamashiro KJ, Galganski LA, Grayson JK, et al. Resuscitative Endovascular Balloon Occlusion of the Aorta (REBOA) in a Pediatric Swine Model: Is 60 Minutes Too Long? *The journal of trauma and acute care surgery*. Published online February 2020. PMID: 32068720 DOI: [10.1097/TA.0000000000002620](https://doi.org/10.1097/TA.0000000000002620)
4. Yamashiro KJ, Wishy A, Beyer C; Kashtan H; **Galganski LA**, Grayson JK, Johnson AS, Stephenson JT, Trappey AF. Resuscitative Endovascular Balloon Occlusion of the Aorta (REBOA) in a Pediatric Swine Liver Injury Model: A Pilot Study. *Journal of Pediatric Surgery*. 2020; 55: 346-52. PMID: 31787320. DOI [10.1016/j.jpedsurg.2019.10.013](https://doi.org/10.1016/j.jpedsurg.2019.10.013)
5. **Galganski LA**, Kumar P, Vanover MA, Pivetti CD, Anderson JE, Lankford L, Paxton ZJ, Chung K, Lee C, Hegazi MS, Yamashiro KJ, Wang A, Farmer DL. *In Utero* Treatment of Myelomeningocele with Placental Mesenchymal Stromal Cells– Selection of an Optimal Cell Line in Preparation for Clinical Trials. *Journal of Pediatric Surgery*. Published online October 28, 2019. PMID: 31672407 DOI: [10.1016/j.jpedsurg.2019.09.029](https://doi.org/10.1016/j.jpedsurg.2019.09.029)
6. **Galganski LA**, Yamashiro KJ, Pivetti CD, Keller BA, Becker JC, Brown EG, Saadai P, Hirose S, Wang A, Farmer DL. A Decade of Experience with Ovine Model of Myelomeningocele. *Fetal Diagnosis and Therapy*. Published online February 25, 2020. PMID: 32097922 DOI: [10.1159/000505400](https://doi.org/10.1159/000505400)
7. Yamashiro KJ, **Galganski LA**, Hirose S. Fetal myelomeningocele repair. *Seminars in pediatric surgery*. 2019; 28: 150823. PMID: 31451171 DOI: [10.1053/j.sempedsurg.2019.07.006](https://doi.org/10.1053/j.sempedsurg.2019.07.006)
8. Yamashiro KJ, **Galganski LA**, Hirose S. What you need to know about maternal-fetal medicine. *Seminars in pediatric surgery*. 2019; 28: 150822. PMID: 31451176 DOI: [10.1053/j.sempedsurg.2019.07.005](https://doi.org/10.1053/j.sempedsurg.2019.07.005)
9. Vanover MA, Pivetti CD, **Galganski LA**, Kumar P, Lankford L, Rowland D, Paxton ZJ, Deal B, Wang A, Farmer DL. Spinal Angulation: A Limitation of the Fetal Lamb Model of Myelomeningocele. *Fetal Diagnosis and Therapy*. 2019:1-9. PMID: 30970373 DOI: [10.1159/000496201](https://doi.org/10.1159/000496201)

10. Trappey AF, **Galganski LA**, Saadai P, Stephenson JT, Stark RA, Farmer DL, Hirose S, Langer JC. Surgical management of pediatric rectal prolapse: A survey of the American Pediatric Surgical Association (APSA). *Journal of Pediatric Surgery*. 2019; 54: 2149-54. PMID: 30987759 DOI: [10.1016/j.jpedsurg.2019.02.017](https://doi.org/10.1016/j.jpedsurg.2019.02.017)
11. **Galganski LA**, Cox JA, Greenhalgh DG, Sen S, Romanowski KS, Palmieri TL. Cervical Spine Injury in Burned Trauma Patients: Incidence, Predictors, and Outcomes. *Journal of burn care & research: official publication of the American Burn Association*. 2019; 40: 263-8. PMID: 30801641 DOI: [10.1093/jbcr/irz022](https://doi.org/10.1093/jbcr/irz022)
12. **Galganski LA**, Perez RV, Troppmann C, McVicar JP, Santhanakrishnan C, Mortimer B, Kelly B, Sageshima J. Use of hypothermic machine perfusion to identify anatomic variation prior to transplantation of a pancake kidney. *Transplantation Direct*. 2019;5(5):e445. PMID: 31165080 DOI: [10.1097/TXD.0000000000000891](https://doi.org/10.1097/TXD.0000000000000891)
13. Theodorou CM, **Galganski LA**, Stark RA. Traumatic posterolateral abdominal wall hernia in a pediatric patient. *Journal of Pediatric Surgery Case Reports*. 2019;43:23-25. DOI: [10.1016/j.epsc.2019.01.013](https://doi.org/10.1016/j.epsc.2019.01.013)
14. Vanover MA, Pivetti CD, Lankford L, Kumar P, **Galganski LA**, Kabagambe SK, Keller B, Becker J, Chen YJ, Chung K, Lee CJ, Paxton ZJ, Deal B, Goodman L, Anderson JE, Jensen G, Wang A, Farmer DL. High density placental mesenchymal stromal cells provide neuronal preservation and improve motor function following in utero treatment of ovine myelomeningocele. *Journal of pediatric surgery*. 2019;54(1):75-79 PMID: 30529115 DOI: [10.1016/j.jpedsurg.2018.10.032](https://doi.org/10.1016/j.jpedsurg.2018.10.032)
15. Yamashiro KJ, **Galganski LA**, Hirose S, Stark RA. Midgut volvulus and complex meconium peritonitis in a fetus with undiagnosed cystic fibrosis. *Journal of Pediatric Surgery Case Reports*. 2019;40:26-29. DOI: [10.1016/j.epsc.2018.08.017](https://doi.org/10.1016/j.epsc.2018.08.017)
16. Anderson JE, **Galganski LA**, Pivetti CD, Vanover MA, Stephenson JT, Brownlee R, Ma BW, Farmer DL, Hirose S. Fetal repair of surgically-created gastroschisis in a lamb model may improve postnatal feeding tolerance and intestinal motility: A pilot study. *Journal of pediatric surgery*. 54: 2061-8. [10.1016/j.jpedsurg.2018.11.021](https://doi.org/10.1016/j.jpedsurg.2018.11.021)
17. **Galganski LA**, Hirose S, Saadai P. Resection of a thoracoabdominal ganglioneuroma via a retroperitoneal minimally invasive approach. *Journal of Pediatric Surgery Case Reports*. 2019;40:47-49. DOI: [10.1016/j.epsc.2018.10.012](https://doi.org/10.1016/j.epsc.2018.10.012)
18. Anderson JE, **Galganski LA**, Cheng Y, Stark RA, Saadai P, Stephenson JT, Hirose S. Epidemiology of gastroschisis: A population-based study in California from 1995 to 2012. *Journal of pediatric surgery*. 2018;53(12):2399-2403. PMID: 30266482 DOI: [10.1016/j.jpedsurg.2018.08.035](https://doi.org/10.1016/j.jpedsurg.2018.08.035)

19. **Galganski LA**, Anderson JE, Saadai P. Prenatal and Postnatal Intervention for a Congenital Lung Mass. *JAMA surgery*. 2018;153(10):961-962. PMID: 29898208 DOI: [10.1001/jamasurg.2018.0889](https://doi.org/10.1001/jamasurg.2018.0889)
20. **Galganski LA**, Greenhalgh DG, Sen S, Palmieri TL. Randomized Comparison of Packed Red Blood Cell-to-Fresh Frozen Plasma Transfusion Ratio of 4: 1 vs 1: 1 During Acute Massive Burn Excision. *Journal of burn care & research : official publication of the American Burn Association*. 2017;38(3):194-201. PMID: 27893574 DOI: [10.1097/BCR.0000000000000468](https://doi.org/10.1097/BCR.0000000000000468)
21. Shepherd JA, Stamper E, Matheson PJ, **Galganski LA**, Garrison RN, Madden K, Downard CD. Alterations in platelet-derived growth factor expression in the pathophysiology of necrotizing enterocolitis. *The Journal of surgical research*. 2015;198(2):377-383. PMID: 25899145 DOI: [10.1016/j.jss.2015.03.027](https://doi.org/10.1016/j.jss.2015.03.027)
22. Walker SK, **Galganski LA**, Garrison RN, Madden K, Downard CD. Application of prostaglandin E2 improves ileal blood flow in NEC. *Journal of pediatric surgery*. 2014;49(6):945-949. PMID: 24888840 DOI: [10.1016/j.jpedsurg.2014.01.029](https://doi.org/10.1016/j.jpedsurg.2014.01.029)
23. Walker SK, Maki AC, Cannon RM, Foley DS, Wilson KM, **Galganski LA**, Wiesenauer CA, Bond SJ. Etiology and incidence of pediatric gallbladder disease. *Surgery*. 2013;154(4):927-931. PMID: 24074432 DOI: [10.1016/j.surg.2013.04.040](https://doi.org/10.1016/j.surg.2013.04.040)
24. Manning KA, **Galganski LA**, Uhlrich DJ. Photic-induced sensitization: eye-specific neural plasticity and effect of behavioral state. *Neuroscience*. 2007;146(3):1413-1424. PMID: 17391857 DOI: [10.1016/j.neuroscience.2007.02.030](https://doi.org/10.1016/j.neuroscience.2007.02.030)

Additional Publications

1. **Galganski LA**, Kasdan, M. Words of Wisdom. *Louisville Medicine* 59.9 (February 2012).

Book Chapters

1. **Galganski LA**, Stark RB. Germ Cell Tumors. *American Pediatric Surgical Association Not a Textbook*. Unbound Medicine, Inc. 2018.
2. **Galganski LA**, Saadai P. Chapter 113: Extracorporeal Membrane Oxygenation (Venovenous) Cannulation. D.J. Papandria, G.E. Besner, R.L. Moss, K.A. Diefenbach, editors. *Operative Dictations in Pediatric Surgery*: Springer International Publishing; 2019. Atlanta, GA. p441-443.
3. Saadai P, **Galganski LA**. Chapter 114: Extracorporeal Membrane Oxygenation (Arteriovenous) Cannulation. D.J. Papandria, G.E. Besner, R.L. Moss, K.A. Diefenbach, editors. *Operative Dictations in Pediatric Surgery*: Springer International Publishing; 2019. Atlanta, GA. p445-447.
4. Saadai P, **Galganski LA**. Chapter 115: Extracorporeal Membrane Oxygenation

Decannulation. D.J. Papandria, G.E. Besner, R.L. Moss, K.A. Diefenbach, editors. *Operative Dictations in Pediatric Surgery*: Springer International Publishing; 2019. Atlanta, GA. p449-450.

Oral and Poster Presentations

1. Priyadarsini Kumar, Lizette Reynaga, Alicia Hyllen, Chelsey Lee, Christopher Pivetti, William Gruenloh, **Laura Galganski**, Kaeli Yamashiro, Michaela Canova, Laura Jones, Brian Fury, Gerhard Bauer, Jan Nolta, Aijun Wang, Diana Farmer. Manufacture of Clinical Grade Placenta-Derived Mesenchymal Stem/Stromal Cells for *In Utero* Fetal Repair of Myelomeningocele. Poster Presentation. International Society for Stem Cell Research. June 2020.
2. **Galganski LA**, Kumar P, Vanover MA, Pivetti CD, Anderson JE, Lankford L, Paxton ZJ, Chung K, Lee C, Hegazi MS, Yamashiro KJ, Wang A, Farmer DL. *In Utero* Treatment of Myelomeningocele with Placental Mesenchymal Stromal Cells Rescues Ambulation in the Ovine Model – Selection of an Optimal Cell Line. Oral presentation. University of California Davis Resident Research Day. Sacramento, CA. May 2019
3. **Galganski LA**, Anderson JE, Yamashiro KJ, Hirose S. Mortality of Congenital Diaphragmatic Hernia 1995-2012. Oral presentation. University of California Davis Resident Research Day. Sacramento, CA. May 2019.
4. **Galganski LA**, Kumar P, Vanover MA, Pivetti CD, Anderson JE, Lankford L, Paxton ZJ, Chung K, Lee C, Hegazi MS, Yamashiro KJ, Wang A, Farmer DL. *In Utero* Treatment of Myelomeningocele with Placental Mesenchymal Stromal Cells Rescues Ambulation in the Ovine Model – Selection of an Optimal Cell Line. Oral Presentation. American Pediatric Surgical Association. Boston, MA. May 2019
5. **Galganski LA**, Lee C, Pivetti CD, Lankford L, Paxton ZJ, Farmer DL, Stark RA. Placental Myogenic Progenitor Cells Demonstrate Viability on Extracellular Matrix and in Rodent Model of Diaphragmatic Hernia Repair. Poster Presentation. American Academy of Pediatrics, Surgical Section. November 2018.
6. **Galganski LA**, Langer JC, Hirose, S, Stephenson JT, Stark RS, Saadai P. Laparoscopic Sigmoid Resection and Appendicostomy for Severe Constipation. Video Presentation. American College of Surgeons. Boston, Massachusetts. October 2018.
7. **Galganski LA**, Lee C, Pivetti CD, Lankford L, Paxton ZJ, Farmer DL, Stark RA. Placental Myogenic Progenitor Cells Demonstrate Viability on Extracellular Matrix and in Rodent Model of Diaphragmatic Hernia Repair. Oral Presentation. International Fetal Medicine and Surgery Society. Bali, Indonesia. August 2018.
8. **Galganski LA**, Vanover MA, Pivetti CD, Lankford L, Kumar P, Kabagambe SK, Keller B, Becker J, Chen YJ, Chung K, Lee CJ, Paxton ZJ, Deal B, Goodman L, Anderson JE,

Jensen G, Wang A, Farmer DL. High Density Placental Mesenchymal Stromal Cells Provide Neuronal Preservation and Improved Motor Function Following *In Utero* Treatment Of Ovine Myelomeningocele. Oral presentation. International Fetal Medicine and Surgery Society. Bali, Indonesia. August 2018.

9. **Galganski LA**, Saadai P, Hirose S. Laparoscopic Retroperitoneal Resection of a Thoracoabdominal Mass. Video Presentation. Pacific Association of Pediatric Surgeons. Sapporo, Japan. May 2018.
10. **Galganski LA**, Kabagambe SK, Trappey AF, Vanover MA, Langer JC, Stephenson JT, Stark RA, Hirose S, Saadai P. Establishing a Surgery-Driven Multidisciplinary Pediatric Colorectal Center. Oral Presentation. Pacific Association of Pediatric Surgeons. Sapporo, Japan. May 2018.
11. **Galganski LA**, Trappey AF, Saadai P, Stephenson JT, Stark RA, Farmer DL, Hirose S, Langer JC. Surgical management of pediatric rectal prolapse: A survey of the American Pediatric Surgical Association (APSA). Poster Presentation. Pacific Association of Pediatric Surgeons. Sapporo, Japan. May 2018.
12. **Galganski LA**, Cox JA, Greenhalgh DG, Sen S, Romanowski KS, Palmieri TL. Cervical Spine Injury in Burned Trauma Patients: Incidence, Predictors and Outcomes. Poster Presentation. American Burn Association. Chicago, IL. April 2018.
13. **Galganski LA**, Kabagambe SK, Trappey AF, Vanover MA, Langer JC, Stephenson JT, Stark RA, Hirose S, Saadai P. Establishing a Surgery-Driven Multidisciplinary Pediatric Colorectal Center. Oral Presentation. University of California Davis Resident Research Day. Sacramento, CA. April 2018.
14. **Galganski LA**, Saadai P, Hirose S. Laparoscopic Retroperitoneal Resection of a Thoracoabdominal Mass. Video Presentation. University of California Davis Resident Research Day. Sacramento, CA. April 2018.
15. **Galganski LA**, Anderson JE, Saadai P. Pulmonary Sequestration Requiring Prenatal and Postnatal Intervention. Video presentation. Pacific Coast Surgical Association. Napa, California. February 2018.
16. **Galganski LA**, Kabagambe SK, Kumar P, Wang A, Farmer DL. Do Paracrine and Neuroprotective Capacities of Placental Mesenchymal Stromal Cells Vary by Gestational Age. E-Poster presentation. American College of Surgeons. San Diego, CA. October 2017.
17. **Galganski LA**, Kabagambe SK, Lankford L, Kumar P, Chen YJ, Herout KT, Lee CJ, Stark RA, Farmer DL, Wang A. Isolation of Myogenic Progenitor Cell Population from Human Placenta: A Pilot Study. Oral presentation. International Fetal Medicine &

Surgery Society. Jackson Hole, WY. October 2017

18. **Galganski LA**, Sen S, Palmieri TL, Greenhalgh DG. Early Closure of Abdomen after Laparotomy for Abdominal Compartment Syndrome in Burn Patients does not Lead to Complications. Oral presentation. University of California Davis Resident Research Day. Sacramento, CA. April 2017.
19. **Galganski LA**, Cox JA, Greenhalgh DG, Sen S, Romanowski KS, Palmieri TL. Cervical Spine Injury in Burned Trauma Patients: Incidence, Predictors and Outcomes. Oral presentation. University of California Davis Resident Research Day. Sacramento, CA. April 2017.
20. **Galganski LA**, Greenhalgh DG, Sen S, Palmieri TL. Randomized Comparison of Packed Red Blood Cell-to-Fresh Frozen Plasma Transfusion Ratio of 4:1 versus 1:1 During Acute Massive Burn Excision. Oral presentation at Plenary Session: "Top Six Abstracts". American Burn Association. Las Vegas, NV. May 2016.
21. **Galganski LA**, Greenhalgh DG, Sen S, Palmieri TL. Randomized Comparison of Packed Red Blood Cell-to-Fresh Frozen Plasma Transfusion Ratio of 4:1 versus 1:1 During Acute Massive Burn Excision. Oral presentation. University of California Davis Resident Research Day. Sacramento, CA. April 2016.
22. **Galganski LA**, Maki AC, Shepherd JA, Matheson PJ, Garrison RN, Downard CD. Relaxin: a potential vasodilator role in necrotizing enterocolitis. Poster Presentation. "Research Louisville!" University of Louisville, Louisville, KY. October 2011.