

CURRICULUM VITAE

Caroline Maloney MD

Assistant Professor
Department of Surgery
Division of Surgery Pediatric Surgery

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EDUCATION:

2005 - 2009 B.S., Goucher College, Baltimore, MD

2005 - 2009 BS; Biology with Honors, summa cum laude, Goucher College, Baltimore

2009 - 2013 M.D., Stony Brook University School of Medicine, Stony Brook, NY

2009 - 2013 MD, Stony Brook University School of Medicine, Stony Brook, NY

2013 - 2014 General Surgery Internship, Zucker School of Medicine Hofstra Northwell, Manhasset, NY

2014 - 2021 General Surgery Residency, Zucker school of Medicine, Manhasset, NY

2015 - 2018 PhD, Elmezzi Graduate School of Molecular Medicine, PhD, Feinstein Institute of Medical

2015 - 2018 PhD, Elmezzi School of Molecular Medicine at Feinstein Institute of Medical Research,
Manhasset, NY

POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:

2013 - 2014 Zucker School of Medicine Hofstra Northwell at North Shore/ LIJ, Manhasset, NY General
Surgery Internship

2014 - 2021 General Surgery Residency, Zucker School of Medicine Hofstra Northwell, North Shore/ LIJ,
Manhasset, NY

2021 - 2023 Pediatric Surgery Fellowship, Surgery, Pediatric General and Thoracic Surgery, Childrens
Wisconsin

2021 - 2023 Pediatric Surgery Fellowship, Children's Hospital of Wisconsin, Milwaukee, WI

FACULTY APPOINTMENTS:

08/2023 - Present Assistant Professor, Department of Surgery, Division of Pediatric Surgery, The Medical
College of Wisconsin, Milwaukee, WI

2023 - Present Assistant Professor, Surgery, General and Thoracic Surgery, Childrens Wisconsin

EDUCATIONAL ADMINISTRATIVE APPOINTMENTS:

2023 - Present Assistant Professor, Surgery, Pediatric Surgery, Medical College of Wisconsin

RESEARCH ADMINISTRATIVE APPOINTMENTS:

08/2023 - Present Principal Investigator, Medical College of Wisconsin

8701 - Present W. Watertown Plank Road, Milwaukee, WI 53226

HOSPITAL STAFF PRIVILEGES:

08/2023 - Present Aurora West Allis Medical Center, 8901 W. Lincoln Avenue

08/2023 - Present Marshfield Children's Hospital, 611 Saint Joseph Avenue

08/2023 - Present Aurora Sinai Medical Center, 945 N. 12th Street

08/2023 - Present Surgicenter of Greater Milwaukee, 3323 S 103rd Street

08/2023 - Present Ascension St. Joseph's Hospital, 5000 W. Chambers Street
 08/2023 - Present Froedtert Hospital, 9200 W. Wisconsin Avenue
 08/2023 - Present Ascension Columbia St. Mary's, 2301 N. Lake Drive
 08/2023 - Present Children's Wisconsin, 8915 W. Connell Court
 Milwaukee, WI 53233
 Milwaukee, WI 53210
 Milwaukee, WI 53211
 West Building, Marshfield, WI 54449
 Milwaukee, WI 53226
 Milwaukee, WI 53227
 West Allis, WI 53214
 Milwaukee, WI 53226

SPECIALTY BOARDS AND CERTIFICATION:

<u>Board Certified</u>	<u>Issue Date</u>	<u>Expiration</u>
American Board of Surgery - General Surgery	10/15/2021	01/05/2025
General Surgery	10/15/2021	01/20/2024
Pediatric Surgery	03/04/2024	None
American Board of Surgery - Pediatric Surgery	03/04/2024	01/05/2026

<u>Certificates</u>	<u>Issued By</u>	<u>Issue Date</u>	<u>Expiration</u>
PALS American Heart	Association	08/04/2023	08/01/2025
ACLS American Heart	Association	08/04/2023	08/01/2025
BLS American Heart	Association	08/04/2023	08/01/2025

<u>Licensure</u>	<u>Number</u>	<u>Issue Date</u>	<u>Expiration</u>
Wisconsin License	75396-20	06/08/2021	10/31/2025
DEA	FM0510835	07/08/2021	01/31/2027

AWARDS AND HONORS:

2008 - Present Phi Beta Kappa, Goucher College Chapter
 2009 - Present Dean Van Meter, Stimson Duvall, and Class of 1905 Fellowships, Goucher College
 2012 - Present Gold Foundation for Humanism in Medicine Honor Society, Stony Brook University School of Medicine
 2013 - Present Distinguished Oral Presentation Award, Winthrop University Hospital
 2014 - Present Richard Strauss Memorial Junior Resident Research Award, North Shore LIJ, Department of Surgery
 2016 - Present First Place, Research Investigator Science Exposition, Feinstein Institute for Medical Research
 2016 - Present First Place Clinical Research, Murry Friedman Competition, Brooklyn/Long Island Chapter of the American College of Surgeons
 2016 - Present Second Place Poster Presentation, Northwell Academic Day
 2016 - Present First Place Oral Presentation Clinical Research, Hofstra Northwell School of Medicine, Department of Surgery 6th Annual Research Day
 2016 - Present Junior Academic Award, 92nd percentile ABSITE exam, North Shore University Hospital, Department of Surgery
 2017 - Present Advancing Women in Science and Medicine (AWSM) Doctoral Student Award
 2017 - Present First Place Poster Presentation Basic Science Research, Brooklyn/Long Island Chapter of the American College of Surgeons
 2017 - Present First Place Oral Presentation Basic Science Research, Hofstra Northwell School of Medicine, Department of Surgery 7th Annual Research Day
 2018 - Present M. Judah Folkman Award for Best Podium Presentation in Basic Science Research, American

- Pediatric Surgical Association, 49th Annual Meeting
- 2018 - Present Second Place Basic Science Research, Murry Friedman Competition, Brooklyn/Long Island Chapter of the American College of Surgeons
- 2018 - Present First Place Oral Presentation Basic Science Research, Hofstra Northwell School of Medicine, Department of Surgery 8th Annual Research Day
- 2018 - Present First Place Poster Presentation, Basic Science, Northwell Academic Day
- 2018 - Present STAT Wunderkind Class of 2018
- 2018 - Present Owen H. Wangensteen Scientific Forum Excellence in Research Award, Category: Pediatric Surgery, American College of Surgeons
- 2020 - Present Stephen E. Dolgin, Department of Pediatric Surgery Chief Resident Award
Northwell Health

INVITED LECTURES/WORKSHOPS/PRESENTATIONS:

International

Maloney, C. Introduction to Pediatric Surgery. Universidad San Francisco de Quito, Ecuador.

National

- Kallis, MP, Tzanavaris, C, Wang, S, Maloney, C, Symons, M, Steinberg, B, Soffer, S. "Osteosarcoma Tumor Excision Increases Vascular Endothelial Growth Factor Receptor in the Lungs" Oral Presentation at The Annual Academic Surgical Congress, Houston, TX, February 6, 2019.
- Maloney, C, Kissin, M, Chang, J. Non-Aortic Aneurysms; Diagnosis and Management. Oral Presentation. Presented at The 33rd Angiology Work-Shop. 2014.
- Maloney, C, Abd El-Shafy, I, Kallis, M, Lipskar, AM, Kars, M, Hagen, J. "Ultrasoundguided bilateral rectus sheath block vs. conventional local analgesia in single port laparoscopic appendectomy for children with non-perforated appendicitis." Moderated poster presentati, Colorado Springs, CO. April 2, 2016.
- Lopata, L, Maloney, C, Lipskar, AM, Kars, M, Hagen, J. "Ultrasound-Guided Serratus Plane Block For Video- Assisted Pectus Excavatum Repair: A Novel Approach To Postoperative Pain Management." Poster Presentation at Society for Pediatric Anesthesia, Colorado Springs, CO. April 2, 2016.
- Maloney, C, Kallis, M., Edelman, M., Symons, S, Steinberg, BM., Soffer, SZ. Selective Depletion of Pulmonary Alveolar Macrophages Inhibits Metastatic Outgrowth in a Mouse Model of Osteosarcoma. Oral presentation at the American Pediatric Surgical Association. Boston, MA. May 18, 2019.
- Kallis, MP, Maloney, C, Symons, M, Steinberg, BM, Soffer, SZ. "Promotion of metastasis by surgical excision of the primary tumor reflects changes in the lung immune microenvironment" Poster Presentation at American Pediatric Surgical Association Annual Meeti, MA. May 19, 2019
- Kallis, M, Maloney, C, Soffer, SZ, Symons, M Steinberg, BM. "Surgical excision of the primary tumor in osteosarcoma model results in enhanced metastatic growth by modulating the lung immune microenvironment" Poster Presentation at Tumor Microenvironments: Mechanisms and Therapeutic Implications Meeting, New York, NY, July 19, 2019.
- Maloney, C, Kallis MP, Tsvanavaris, C, Edelman M, Soffer SZ, Symons M, Steinberg BM. Gefitinib Blocks Progression of Osteosarcoma Metastasis via Inhibition of Tumor Extravasation from the Pulmonary Vasculature. Oral Poster presentation at American Academy of Pediatrics S, New Orleans, Louisiana. October 26, 2019.
- Kallis MP, Maloney, C, Tsvanavaris, C, Edelman M, Soffer SZ, Symons M, Steinberg BM. Promotion of Metastasis by Surgical Excision of the Primary Tumor Reflects Changes in the Lung Microenvironment. Poster presentation at American Academy of Pediatrics Section on Surgery, New Orleans, Louisiana. October 26, 2019.
- Kallis MP, Maloney, C, Tsvanavaris, C, Edelman M, Soffer SZ, Symons M, Steinberg BM. Promotion of Metastasis by Surgical Excision of the Primary Tumor Reflects Changes in the Lung Microenvironment. Oral presentation at American College of Surgeons Clinical Congress. Octo
- Maloney, C, Edelman, M, Symons, S, Steinberg BM, Soffer, SZ. Epidermal Growth Factor Receptor (EGFR) Inhibition Decreases Macrophage-Promoted Invasion in Osteosarcoma. Oral scientific forum presentation at American College of Surgeons Clinical Congress, Washington, D.C. October 19, 2016.
- Abd El-Shafy, I, Maloney, C, Prince JM, Lipskar, AM. "Utility of the Single-Incision Transumbilical Laparoscopic-assisted Appendectomy in Complicated Appendicitis in the Pediatric Population." Poster presentation at the Surgical Infection Society me, FL, May 18 - 21, 2016.
- Maloney, C, Symons, S, Steinberg BM, Soffer, SZ. Colony stimulating factor-1 receptor (CSF-1R) and epidermal growth factor receptor (EGFR) Inhibition Decreases Macrophage-Promoted Invasion in

- Osteosarcoma. Poster presentation at American Academy, C.A. October 22, 2016.
- Maloney, C, Edelman, M., Symons, S, Soffer, SZ, Steinberg BM. Epidermal Growth Factor Receptor Inhibition Decreases Metastasis in a Murine Model of Osteosarcoma. Oral presentation at New York Surgical Society Winter Scientific Session, New York, NY. February 15, 2017.
- Maloney, C, Edelman, M., Symons, S, Steinberg, BM., Soffer, SZ. Epidermal Growth Factor Inhibition Decreases Metastasis in a Murine Model of Osteosarcoma. Oral presentation at American Pediatric Surgical Association National Meeting, Hollywood Florida, May 6, 2017.
- Behr, C. Denning, N, Lindholm, E, Kallis, M, Maloney, C, Soffer, S, Romano-Adesman, A, Hong, A. The Incidence of Marfan's Syndrome and Cardiac Anomalies in Patients Presenting with Pectus Deformities. Oral presentation at the American Academy of Pediatrics Section on Surgery, September 16, 2017.
- Maloney, C, Edelman, M., Symons, Steinberg, BM., Soffer, SZ. Gefitinib blocks macrophage-promoted invasion of osteosarcoma via inhibition of receptor-interacting protein kinase 2 (RIPk2) and prevents progression of pulmonary micrometastases. Oral presentati, September 16, 2017.
- Maloney, C, Edelman, M., Symons, S, Steinberg, BM., Soffer, SZ. Gefitinib blocks macrophage-promoted invasion of osteosarcoma via inhibition of receptor-interacting protein kinase 2 (RIPk2) and prevents progression of pulmonary micrometastases. Oral presentati, October 23, 2017.
- Maloney, C, Abd El-Shafy, I, Lindholm, E, Bolognese, AC, Ruff, S, Kallis, M, Rich, BS, Rosen, NG, Prince, JM, Soffer, SZ, Dolgin, SE, Hong, AR, Glick, RD, Lipskar, AM. Pediatric transumbilical laparoscopic-assisted appendectomy (TULA) with same-day discharge for uncomplicated appendicitis: a better option than antibiotics alone? E-poster presentation at the Amer, October 24, 2017.
- Maloney, C, Edelman, MC, Bolognese, AC, Collins, L, Lipskar, AM, Rich, BS. What is a Normal Appendix? Impact of Pathological Criteria on Pediatric Negative Appendectomy Rate. Oral Presentation at the Academic Surgical Congress, February 2018. Maloney, C, Kallis, M., Edelman, M., Symons, S, Steinberg, BM., Soffer, SZ. 7 Macrophage promoted Invasion of Osteosarcoma Requires Receptor-interacting Protein Kinase 2 (RIPK2). Oral Presentation at the Academic Surgical Congress, February 2018.
- Maloney, C, Kallis, M., Edelman, M., Symons, S, Steinberg, BM., Soffer, SZ. 7 Macrophage promoted Invasion of Osteosarcoma Requires Receptor-interacting Protein Kinase 2 (RIPK2). Oral Presentation at the Academic Surgical Congress, February 2018.
- Maloney, C, Kallis, M., Edelman, M., Symons, S, Steinberg, BM., Soffer, SZ. Surgery Accelerates the Development of Pulmonary Metastases in a Mouse Model of Osteosarcoma and is Attenuated by Perioperative Treatment with Gefitinib. Oral presentation at American Pediatric Su, Palm Desert California, May 4, 2018.
- Maloney, C, Kallis, M., Edelman, M., Symons, S, Steinberg, BM., Soffer, SZ. Selective Depletion of Pulmonary Alveolar Macrophages Inhibits Metastatic Outgrowth in a Mouse Model of Osteosarcoma. Oral presentation at the American College of Surgeons Clinical Congress. Bosto, MA. October 22, 2018
- Kallis, MP, Maloney, C, Symons, M, Steinberg, BM, Soffer, SZ. "Surgical Removal of The Primary Tumor Accelerates Pulmonary Metastasis in a Mouse Model of Osteosarcoma" Oral presentation at The American College of Surgeons Annual Meeting, Boston, MA, October 23, 2018.
- Maloney, C, Kim, M, Gurzenda, E, Hanna, N. Possible Role of Placental Endotoxin Tolerance in Protecting the Fetus from Exaggerated Inflammatory Responses. Poster. Presented at the Pediatric Academic Societies Meeting, Washington D.C. May 20

Regional

- Maloney, C, Hesketh AJ, Symons, M, Steinberg, BM, Soffer, SZ. "CSF-1 Inhibition decreases macrophage-promoted invasion in Osteosarcoma." Poster presentation at the annual Feinstein Institute's scientific retreat at Cold Spring Harbor Laboratories. Cold Sprin, NY, October 14, 2015.
- Maloney, C, Symons, S, Soffer, SZ, Steinberg BM. "Epidermal Growth Factor Receptor Inhibition Decreases Macrophage-Promoted Osteosarcoma Invasion." Poster presentation at Sohn Conference: Pediatric Cancer in a Post-genomic World. The N, New York, NY. March 30, 2016.
- Maloney, C, Abd El-Shafy, I, Kallis, M, Lipskar, AM, Kars, M, Hagen, J. "Ultrasoundguided bilateral rectus sheath block vs. conventional local analgesia in single port laparoscopic appendectomy for children with non-perforated appendicitis." Oral Presentation at Brookl, May 12, 2016.
- Maloney, C, Abd El-Shafy, I, Kallis, M, Lipskar, AM, Kars, M, Hagen, J. "Ultrasoundguided bilateral rectus sheath block vs. conventional local analgesia in single port laparoscopic appendectomy for children

- with non-perforated appendicitis." Oral Presentation at the No, May 24, 2016.
- Maloney, C, Symons, S, Soffer, SZ, Steinberg BM. "Epidermal Growth Factor Receptor Inhibition Decreases Macrophage-Promoted Osteosarcoma Invasion." Poster presentation 9 at Northwell Academic Day. June 1, 2016.
- Maloney, C, Symons, S, Soffer, SZ, Steinberg BM. "Potential use of neuronal stimulation to prevent surgery-induced acceleration of tumor metastasis." Oral presentation at the Feinstein Retreat, Cold Spring Harbor, NY. June 8, 2016.
- Maloney, C, Edelman, M., Symons, S, Soffer, SZ, Steinberg BM. Epidermal Growth Factor Receptor Inhibition Decreases Metastasis in a Murine Model of Osteosarcoma. Poster presentation at the Feinstein Retreat, Cold Spring Harbor, NY. February 22, 2017.
- Maloney, C, Edelman, M., Symons, S, Steinberg, BM., Soffer, SZ. Gefitinib blocks macrophage-promoted invasion of osteosarcoma via inhibition of receptor-interacting protein kinase 2 (RIPk2) and prevents progression of pulmonary micrometastases. Poster presenta, NY. December 6, 2017.
- Maloney, C, Abd El-Shafy, I, Lindholm, E, Bolognese, AC, Ruff, S, Kallis, M, Rich, BS, Rosen, NG, Prince, JM, Soffer, SZ, Dolgin, SE, Hong, AR, Glick, RD, Lipskar, AM. Pediatric transumbilical laparoscopic-assisted appendectomy (TULA) with same-day discharge for uncomplicated appendicitis: a better option than antibiotics alone? Poster presentation at Brooklyn L, NY. December 6, 2017.
- Maloney, C, Edelman, M., Symons, S, Soffer, SZ, Steinberg BM. Epidermal Growth Factor Receptor (EGFR) Inhibition decreases Metastasis in a Murine Model of Osteosarcoma. Poster presentation at Brooklyn Long Island Chapter of the American College of, NY. December 7, 2017
- Maloney, C, Kallis, M., Edelman, M., Symons, S, Soffer, SZ, Steinberg BM. Selective depletion of pulmonary alveolar macrophages inhibits metastatic outgrowth in a mouse model of osteosarcoma. Oral Presentation at Brooklyn Long Island chapter of the American Co, May 8, 2018.

Local

- Maloney, C, Eisenmann, D., Thompson, K. Analysis of putative target genes of the TCF/LEF Protein POP-1 in *C.elegans*. Poster presentation at UMBC Summer Research Festival; Baltimore, MD. August 2007.
- Maloney, C, Slocum, R. Functional Characterization of Arabidopsis Dihydropyrimidine Dehydrogenase. Oral Presentation at Goucher College Senior Independent Research Forum, Baltimore, MD. May 2009.
- Abd El-Shafy, I, Maloney, C, Prince JM, Lipskar, AM. "Utility of the Single-Incision Transumbilical Laparoscopic-assisted Appendectomy in Complicated Appendicitis in the Pediatric Population." Oral Presentation at the Northwell Department of Surgery, May 24, 2016.
- Maloney, C, Abd El-Shafy, I, Lindholm, E, Bolognese, AC, Ruff, S, Kallis, M, Rich, BS, Rosen, NG, Prince, JM, Soffer, SZ, Dolgin, SE, Hong, AR, Glick, RD, Lipskar, AM. Pediatric transumbilical laparoscopic-assisted appendectomy (TULA) with same-day discharge for uncomplicated appendicitis: a better option than antibiotics alone? Poster Presentation at the Hofstr, Manhasset, NY. May 22, 2017.
- Maloney, C, Edelman, M., Symons, S, Soffer, SZ, Steinberg BM. Gefitinib blocks macrophage-promoted invasion of osteosarcoma via inhibition of receptor-interacting protein kinase 2 (RIPk2) and prevents progression of pulmonary micrometastases. Oral, Manhasset, NY. May 23, 2017.
- Maloney, C, Edelman, M., Symons, S, Soffer, SZ, Steinberg BM. Epidermal Growth Factor Receptor Inhibition Decreases Metastasis in a Murine Model of Osteosarcoma. Poster presentation at Northwell Academic Day, Hempstead, NY. May 24, 2017.
- Maloney, C, Kallis, M., Edelman, M., Symons, S, Steinberg, BM., Soffer, SZ. Repurposing gefitinib as an inhibitor of RIPK2 for the treatment of pulmonary metastasis in osteosarcoma. Oral presentation at the Zucker School of Medicine/ Hofstra Northwell Department of Surger, Manhasset, NY. May 22, 2018.
- Maloney, C, Kallis, M., Edelman, M., Symons, S, Steinberg, BM., Soffer, SZ. Repurposing gefitinib as an inhibitor of RIPK2 for the treatment of pulmonary metastasis in osteosarcoma. Poster presentation at the Zucker School of Medicine/ Hofstra Northwell Academic Day, Manhasset, NY. June 5, 2018.

TEACHING ACTIVITIES:

Undergraduate Education

2006-2009 Laboratory Teaching Assistant, Introductory Biology, Goucher College, Course Director: Dr. Mark Hiller

2007-2009 Supplemental Instructor, Genetics, Goucher College, Course Director: Dr. Mark Hiller

BIBLIOGRAPHY

Refereed Journal Publications/Original Papers

1. Nofi CP, Maloney C, Kallis MP, Levy AT, Nealon WH, Weiss MJ, DePeralta DK. Rare, long-term complication after pancreatoduodenectomy—a case report of cecal volvulus. *J Surg Case Rep*. 2021 May;2021(5):rjab202. PMID: PMC8163421
2. Buonpane C, Young S, Tuliszewski R, Forman J, Jayanathan M, Dudash M, Maloney C. Do's and Don'ts of the Virtual Interview: Perspectives From Residency and Fellowship Applicants. *J Grad Med Educ*. 2020 Dec;12(6):671-673. PMID: PMC7771613
3. Maloney C, Kallis MP, Edelman M, Tzanavaris C, Lesser M, Soffer SZ, Symons M, Steinberg BM. Gefitinib Inhibits Invasion and Metastasis of Osteosarcoma via Inhibition of Macrophage Receptor Interacting Serine-Threonine Kinase 2. *Mol Cancer Ther*. 2020 Jun;19(6):1340-1350.
4. Kallis MP, Maloney C, Blank B, Soffer SZ, Symons M, Steinberg BM. Pharmacological prevention of surgery-accelerated metastasis in an animal model of osteosarcoma. *J Transl Med*. 2020 Apr 30;18(1):183. PMID: PMC7193344
5. Behr CA, Denning NL, Kallis MP, Maloney C, Soffer SZ, Romano-Adesman A, Hong AR. The incidence of Marfan syndrome and cardiac anomalies in patients presenting with pectus deformities. *J Pediatr Surg*. 2019 Sep;54(9):1926-1928.
6. Maloney C, Edelman MC, Bolognese AC, Lipskar AM, Rich BS. The Impact of Pathological Criteria on Pediatric Negative Appendectomy Rate. *J Pediatr Surg*. 2019 Sep;54(9):1794-1799.
7. Kim ML, Maloney C, Klimova N, Gurzenda E, Lin X, Arita Y, Walker T, Fazzari MJ, Hanna N. Repeated lipopolysaccharide exposure leads to placental endotoxin tolerance. *Am J Reprod Immunol*. 2019 Feb;81(2):e13080.
8. Kars M, Hagen J, Maloney C, Kallis M, El-Shafy IA, Lipskar A. Reply to letter to the editor. *J Pediatr Surg*. 2018 Aug;53(8):1638.
9. Maloney C, Edelman MC, Kallis MP, Soffer SZ, Symons M, Steinberg BM. Intratibial Injection Causes Direct Pulmonary Seeding of Osteosarcoma Cells and Is Not a Spontaneous Model of Metastasis: A Mouse Osteosarcoma Model. *Clin Orthop Relat Res*. 2018 Jul;476(7):1514-1522. PMID: PMC6437576
10. Kallis MP, Maloney C, Lipskar AM. Management of pilonidal disease. *Curr Opin Pediatr*. 2018 Jun;30(3):411-416.
11. Maloney C, Kallis M, El-Shafy IA, Lipskar AM, Hagen J, Kars M. Ultrasound-guided bilateral rectus sheath block vs. conventional local analgesia in single port laparoscopic appendectomy for children with nonperforated appendicitis. *J Pediatr Surg*. 2018 Mar;53(3):431-436.
12. Hesketh AJ, Maloney C, Behr CA, Edelman MC, Glick RD, Al-Abed Y, Symons M, Soffer SZ, Steinberg BM. The Macrophage Inhibitor CNI-1493 Blocks Metastasis in a Mouse Model of Ewing Sarcoma through Inhibition of Extravasation. *PLoS One*. 2015;10(12):e0145197. PMID: PMC4692435
13. Siskind E, Maloney C, Jayaschandaran V, Kressel A, Akerman M, Shen A, Amodu L, Platz J, Ricci JP, Bhaskaran M, Basu A, Molmenti E, Ortiz J. Pancreatic retransplantation is associated with poor allograft survival: an update of the United Network for Organ Sharing database. *Pancreas*. 2015 Jul;44(5):769-72.
14. Siskind E, Maloney C, Akerman M, Alex A, Ashburn S, Barlow M, Siskind T, Bhaskaran M, Ali N, Basu A, Molmenti E, Ortiz J. An analysis of pancreas transplantation outcomes based on age groupings—an update of the UNOS database. *Clin Transplant*. 2014 Sep;28(9):990-4.
15. Siskind E, Maloney C, Ashburn S, Akerman M, Siskind T, Goldberg L, Bhaskaran M, Basu A, Molmenti E, Ortiz J. The use of venous jump grafts in pancreatic transplantation - no difference in patient or allograft outcomes - an update of the UNOS database. *Clin Transplant*. 2014 Aug;28(8):883-8.
16. Siskind E, Akerman M, Maloney C, Huntoon K, Alex A, Siskind T, Bhaskaran M, Ali N, Basu A, Molmenti E, Ortiz J. Pancreas transplantation from donors after cardiac death: an update of the UNOS database. *Pancreas*. 2014 May;43(4):544-7.
17. Siskind E, Akerman M, Maloney C, Huntoon K, Alex A, Siskind T, Bhaskaran M, Ali N, Basu A, Molmenti E, Ortiz J. Pancreas transplantation from donors after cardiac death: an update of the UNOS database. *Pancreas*. 2014 May;43(4):544-7.
18. Kars M, Hagen J, Maloney C, Kallis M, El-Shafy IA, Lipskar A. Reply to letter to the editor. *J Pediatr Surg*. April 2018.
19. Behr, C, Denning, NL, Kallis, MP, Maloney, C, Soffer, SZ, Romano-Adesman, A, Hong, AR. The Incidence of Marfan Syndrome and Cardiac Anomalies in Patients Presenting with Pectus Deformities. *J Pediatr Surg*. 2018
20. Siskind E, Maloney C, Ashburn S, Akerman M, Siskind T, Goldberg L, Bhaskaran M, Basu A, Molmenti E,

- Ortiz J. The use of venous jump grafts in pancreatic transplantation - no difference in patient or allograft outcomes - an update of the UNOS database. *Clin Transplant*. 2014 Aug;28(8):883-8.
21. Siskind E, Maloney C, Akerman M, Alex A, Ashburn S, Barlow M, Siskind T, Bhaskaran M, Ali N, Basu A, Molmenti E, Ortiz J. An analysis of pancreas transplantation outcomes based on age groupings--an update of the UNOS database. *Clin Transplant*. 2014 Sep;28(9):990-4.
 22. Siskind E, Maloney C, Jayaschandaran V, Kressel A, Akerman M, Shen A, Amodu L, Platz J, Ricci JP, Bhaskaran M, Basu A, Molmenti E, Ortiz J. Pancreatic retransplantation is associated with poor allograft survival: an update of the United Network for Organ Sharing database. *Pancreas*. 2015 Jul;44(5):769-72.
 23. Hesketh AJ, Maloney C, Behr CA, Edelman MC, Glick RD, Al-Abed Y, Symons M, Soffer SZ, Steinberg BM. The Macrophage Inhibitor CNI-1493 Blocks Metastasis in a Mouse Model of Ewing Sarcoma through Inhibition of Extravasation. *PLoS One*. 2015.
 24. Kim ML, Maloney C, Klimova N, Gurzenda E, Lin X, Arita Y, et al. . Repeated lipopolysaccharide exposure leads to placental endotoxin tolerance. *Am J Reprod Immunol*. 2018.
 25. Kallis, MP, Maloney C, Lipskar AM. Management of pilonidal disease. *Curr Opin Pediatr*. June 2018.
 26. Kallis, MP, Maloney C, Blank, Brandon, Soffer SZ, Symons M, Steinberg BM. Pharmacological Prevention of Surgery-Accelerated Metastasis in an Animal Model of Osteosarcoma. *Journal of Translational Medicine*. April 2020.
 27. Maloney, C, Barlow M, Soffer SZ. Nonfixation of the falciform ligament discovered during laparoscopic pyloromyotomy in a 3-week-old infant: a potential cause of intestinal obstruction. *Journal of Pediatric Surgery Case Reports*. 2016.
 28. Maloney, C, Kallis M, El-Shafy IA, Lipskar AM, Hagen J, Kars M. Ultrasound-guided bilateral rectus sheath block vs. conventional local analgesia in single port laparoscopic appendectomy for children with nonperforated appendicitis. *J Pediatr Surg*. 2017.
 29. Maloney, C, Kallis MP, Edelman M, Soffer SZ, Symons M, Steinberg BM. Intratibial Injection of Murine Osteosarcoma Causes Direct Pulmonary Seeding and is Not a Spontaneous Model of Metastasis. *Clin Orthop Relat Res*. Jul 2018.
 30. Maloney, C, Edelman, MC, Bolognese, AC, Lipskar, AM, Rich, BS. The Impact of Pathological Criteria on Pediatric Negative Appendectomy Rate. *J Pediatr Surg*. 2018
 31. Maloney, C, Kallis MP, Tsvanavaris, C, Edelman M, Soffer SZ, Symons M, Steinberg BM. Gefitinib inhibits invasion and metastasis of osteosarcoma via inhibition of macrophage Receptor Interacting Serine/Threonine Kinase 2. *Molecular Cancer Therapeutics*. May 2020.
 32. Buonpane C, Young S, Tuliszewski R, Forman J, Jayanathan M, Dudash M, Maloney C. Do's and Don'ts of the Virtual Interview: Perspectives From Residency and Fellowship Applicants. *J Grad Med Educ*. Dec 2020.
 33. Nofi C, Maloney C, Kallis MP, Levy AT, Nealon WH, Weiss MJ, DePeralta DK. Rare, long-term complication after pancreatoduodenectomy--a case report of cecal volvulus, *Journal of Surgical Case Reports*, Volume 2021, Issue 5, May 2021.
 34. Khan S, Alson D, Sun L, Maloney C, Sun D. Leveraging Neural Crest-Derived Tumors to Identify NF1 Cancer Stem Cell Signatures. *Cancers (Basel)*. 2024 Oct 29;16(21). PMID: PMC11545784
 35. Schuh JM, Olson HM, Leack KM, Kovacic K, Maloney C, Salazar JH. Tiny Beads, Big Problems: Water Bead Ingestions-A Case Series. *Children (Basel)*. 2025 Aug 08;12(8). PMID: PMC12384833

Books, Chapters, and Reviews

1. Maloney, C, Huston, J. "Normal Biliary Anatomy and Pathophysiology of Gallstones". *Acute Cholecystitis*, edited by Soumitra R. Eachempati and R. Lawrence Reed. New York: Springer International Publishing, 2015.