



Kathryn Melsop

Director, Finance & Facility Operations, Stanford Laboratory for Cell and Gene Medicine

Bio

CURRENT ROLE AT STANFORD

Director, Finance and Facility Operations at the Laboratory for Cell & Gene Medicine.

EDUCATION AND CERTIFICATIONS

- MBA, Weatherhead School of Management, Case Western Reserve University (2024)

Professional

PROFESSIONAL AFFILIATIONS AND ACTIVITIES

- Board of Directors, Hawkwatch International, a raptor and environmental conservation organization. (2024 - present)

Publications

PUBLICATIONS

- **THERAPEUTIC DOSES OF T-ALLO10 IMMUNOTHERAPY POST-ABDEPLETED HSCT ENHANCE IMMUNE RECONSTITUTION AND ACHIEVE 100% LEUKEMIA-FREE SURVIVAL IN PEDIATRIC AND YOUNG ADULT PATIENTS WITH HEMATOLOGIC MALIGNANCIES**
Bertaina, A., Bacchetta, R., Cepika, A., Shyr, D., Barbarito, G., Oppizzi, L., Chen, P., Saini, G., Lee, J., Kristovich, K., Agarwal, R., Klein, O., Melsop, et al
SPRINGER NATURE.2025: 74-75
- **T-alo10 Immunotherapy Results in Enhanced Early Immune Reconstitution and Reduced GvHD with Excellent Clinical Outcomes Post Aβ-Depleted HSCT in Pediatric and Young Adult Hematologic Malignancy Patients**
Bertaina, A., Bacchetta, R., Cepika, A., Shyr, D. C., Barbarito, G., Oppizzi, L., Chen, P., Saini, G., Lee, J., Kristovich, K., Agarwal, R., Klein, O., Melsop, et al
ELSEVIER.2024: 3525-3526
- **T-ALLO10 INFUSION AFTER A.DEPLETED-HSCT IN CHILDREN AND YOUNG ADULTS WITH HEMATOLOGIC MALIGNANCIES: IMPROVED IMMUNE RECONSTITUTION IN THE ABSENCE OF SEVERE GVHD**
Bertaina, A., Bacchetta, R., Shyr, D., Saini, G., Lee, J., Kristovich, K., Agarwal-Hashmi, R., Klein, O., Melsop, K., Tate, K., Barbarito, G., Oppizzi, L., Chen, et al
SPRINGER NATURE.2023: 232-234
- **Proceedings of the first academic symposium on developing, qualifying and operating a cell and gene therapy manufacturing facility.** *Cytotherapy*
Digiusto, D. L., Melsop, K., Srivastava, R., Tran, C. T.
2018; 20 (12): 1486-1494
- **Relationship of Hospital Staff Coverage and Delivery Room Resuscitation Practices to Birth Asphyxia.** *American journal of perinatology*
Tu, J. H., Profit, J., Melsop, K., Brown, T., Davis, A., Main, E., Lee, H. C.
2017; 34 (3): 259-263

- **Opportunities for maternal transport for delivery of very low birth weight infants.** *Journal of perinatology*
Robles, D., Blumenfeld, Y. J., Lee, H. C., Gould, J. B., Main, E., Profit, J., Melsop, K., Druzin, M.
2016
- **Severe maternal morbidity in a large cohort of women with acute severe intrapartum hypertension.** *American journal of obstetrics and gynecology*
Kilpatrick, S. J., Abreo, A., Greene, N., Melsop, K., Peterson, N., Shields, L. E., Main, E. K.
2016; 215 (1): 91.e1-7
- **Measuring severe maternal morbidity: validation of potential measures** *AMERICAN JOURNAL OF OBSTETRICS AND GYNECOLOGY*
Main, E. K., Abreo, A., McNulty, J., Gilbert, W., McNally, C., Poeltler, D., Lanner-Cusin, K., Fenton, D., Gipps, T., Melsop, K., Greene, N., Gould, J. B., Kilpatrick, et al
2016; 214 (5)
- **Opportunities for maternal transport of pregnancies at risk for delivery of VLBW infants - results from the california maternal quality care collaborative**
Robles, D., Blumenfeld, Y., Lee, H., Gould, J., Main, E., Profit, J., Melsop, K., Druzin, M.
MOSBY-ELSEVIER.2015: S237
- **Timely assessment and treatment of preeclampsia reduces maternal morbidity**
Shields, L., Kilpatrick, S., Melsop, K., Peterson, N.
MOSBY-ELSEVIER.2015: S69
- **Pregnancy Outcomes in the Super Obese, Stratified by Weight Gain Above and Below Institute of Medicine Guidelines** *OBSTETRICS AND GYNECOLOGY*
Swank, M. L., Marshall, N. E., Caughey, A. B., Main, E. K., Gilbert, W. M., Melsop, K. A., Chung, J. H.
2014; 124 (6): 1105–10
- **The Impact of Change in Pregnancy Body Mass Index on Macrosomia** *OBESITY*
Swank, M. L., Caughey, A. B., Farinelli, C. K., Main, E. K., Melsop, K. A., Gilbert, W. M., Chung, J. H.
2014; 22 (9): 1997–2002
- **Maternal prepregnancy body mass index and risk of spontaneous preterm birth.** *Paediatric and perinatal epidemiology*
Shaw, G. M., Wise, P. H., Mayo, J., Carmichael, S. L., Ley, C., Lyell, D. J., Shachar, B. Z., Melsop, K., Phibbs, C. S., Stevenson, D. K., Parsonnet, J., Gould, J. B.
2014; 28 (4): 302-311
- **The impact of change in pregnancy body mass index on cesarean delivery** *JOURNAL OF MATERNAL-FETAL & NEONATAL MEDICINE*
Swank, M. L., Caughey, A. B., Farinelli, C. K., Main, E. K., Melsop, K. A., Gilbert, W. M., Chung, J. H.
2014; 27 (8): 795–800
- **The impact of change in pregnancy body mass index on the development of gestational hypertensive disorders** *JOURNAL OF PERINATOLOGY*
Swank, M. L., Caughey, A. B., Farinelli, C. K., Main, E. K., Melsop, K. A., Gilbert, W. M., Chung, J. H.
2014; 34 (3): 181–85
- **Maternal Body Mass and Risk for Premature Birth among 1.2 Million California Births**
Shaw, G. M., Wise, P. H., Mayo, J., Carmichael, S. L., Ley, C., Lyell, D. J., Shachar, B., Melsop, K., Phibbs, C. S., Stevenson, D. K., Parsonnet, J., Gould, J. B.
SAGE PUBLICATIONS INC.2014: 340A
- **The impact of pre-pregnancy body mass index and gestational weight gain on failed trial of labor after cesarean**
Chung, J., Swank, M., Main, E., Melsop, K., Gilbert, W., Caughey, A.
MOSBY-ELSEVIER.2014: S309–S310
- **The impact of gestational change in body mass index (BMI) on adverse pregnancy outcomes among women with gestational diabetes** *33rd Annual Pregnancy Meeting of the Society-for-Maternal-Fetal-Medicine (SMFM)*
Chung, J., Swank, M., Main, E., Melsop, K., Gilbert, W., Caughey, A.
MOSBY-ELSEVIER.2013: S122–S123

- **The impact of change in pregnancy body mass index on gestational hypertension/preeclampsia** *33rd Annual Pregnancy Meeting of the Society-for-Maternal-Fetal-Medicine (SMFM)*
Swank, M., Caughey, A., Farinelli, C., Main, E., Melsop, K., Gilbert, W., Chung, J.
MOSBY-ELSEVIER.2013: S274–S274
- **The impact of change in pregnancy body mass index on cesarean delivery** *33rd Annual Pregnancy Meeting of the Society-for-Maternal-Fetal-Medicine (SMFM)*
Swank, M., Caughey, A., Farinelli, C., Main, E., Melsop, K., Gilbert, W., Chung, J.
MOSBY-ELSEVIER.2013: S339–S339
- **The impact of change in pregnancy body mass index on macrosomia** *33rd Annual Pregnancy Meeting of the Society-for-Maternal-Fetal-Medicine (SMFM)*
Swank, M., Caughey, A., Farinelli, C., Main, E., Melsop, K., Gilbert, W., Chung, J.
MOSBY-ELSEVIER.2013: S190–S190
- **The impact of change in pregnancy body mass index on preterm birth and low birthweight** *33rd Annual Pregnancy Meeting of the Society-for-Maternal-Fetal-Medicine (SMFM)*
Swank, M., Caughey, A., Farinelli, C., Main, E., Melsop, K., Gilbert, W., Chung, J.
MOSBY-ELSEVIER.2013: S191–S191
- **Prevalence of non-medically indicated induction of labor among women of varying body mass index in California** *33rd Annual Pregnancy Meeting of the Society-for-Maternal-Fetal-Medicine (SMFM)*
Snowden, J., Cheng, Y., Darney, B., Marshall, N., Chung, J., Main, E., Gilbert, W., Melsop, K., Caughey, A.
MOSBY-ELSEVIER.2013: S299–S300
- **Creating a Public Agenda for Maternity Safety and Quality in Cesarean Delivery** *OBSTETRICS AND GYNECOLOGY*
Main, E. K., Morton, C. H., Melsop, K., Hopkins, D., Giuliani, G., Gould, J. B.
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- **Increasing pre-pregnancy body mass index is predictive of a progressive escalation in adverse pregnancy outcomes.** *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*
Chung, J. H., Melsop, K. A., Gilbert, W. M., Caughey, A. B., Walker, C. K., Main, E. K.
2012; 25 (9): 1635-9
- **Excess gestational weight gain is associated with gestational hypertension/preeclampsia and cesarean birth** *31st Annual Scientific Meeting of the Society-of-Maternal-Fetal-Medicine (SMFM)*
Melsop, K., Main, E., Caughey, A. B., Gilbert, W., Walker, C., Chung, J.
MOSBY-ELSEVIER.2011: S232–S232
- **Interrelationship between race/ethnicity and obesity on perinatal outcomes** *31st Annual Scientific Meeting of the Society-of-Maternal-Fetal-Medicine (SMFM)*
Main, E., Melsop, K., Caughey, A. B., Gilbert, W., Walker, C., Chung, J.
MOSBY-ELSEVIER.2011: S313–S313
- **Interrelationship between gestational weight gain and race/ethnicity on perinatal outcomes** *31st Annual Scientific Meeting of the Society-of-Maternal-Fetal-Medicine (SMFM)*
Main, E., Melsop, K., Caughey, A. B., Gilbert, W., Walker, C., Chung, J.
MOSBY-ELSEVIER.2011: S50–S50
- **Increasing maternal body mass index is strongly associated with gestational diabetes, gestational hypertension/preeclampsia and cesarean delivery** *31st Annual Scientific Meeting of the Society-of-Maternal-Fetal-Medicine (SMFM)*
Melsop, K., Main, E., Caughey, A. B., Gilbert, W., Walker, C., Chung, J.
MOSBY-ELSEVIER.2011: S231–S232
- **Health Status After Treatment for Coronary Artery Disease and Type 2 Diabetes Mellitus in the Bypass Angioplasty Revascularization Investigation 2 Diabetes Trial** *CIRCULATION*
Brooks, M. M., Chung, S., Helmy, T., Hillegass, W. B., Escobedo, J., Melsop, K. A., Massaro, E. M., McBane, R. D., Hyde, P., Hlatky, M. A.
2010; 122 (17): 1690-?
- **Nutritional factors that influence change in bone density and stress fracture risk among young female cross-country runners.** *PM & R : the journal of injury, function, and rehabilitation*

- Nieves, J. W., Melsop, K., Curtis, M., Kelsey, J. L., Bachrach, L. K., Greendale, G., Sowers, M. F., Sainani, K. L.
2010; 2 (8): 740-750
- **The effect of obesity on quality of life in patients with diabetes and coronary artery disease** *AMERICAN HEART JOURNAL*
Hlatky, M. A., Chung, S., Escobedo, J., Hillegass, W. B., Melsop, K., Rogers, W., Brooks, M. M.
2010; 159 (2)
 - **Economic Outcomes of Treatment Strategies for Type 2 Diabetes Mellitus and Coronary Artery Disease in the Bypass Angioplasty Revascularization Investigation 2 Diabetes Trial** *CIRCULATION*
Hlatky, M. A., Boothroyd, D. B., Melsop, K. A., Kennedy, L., Rihal, C., Rogers, W. J., Venkitachalam, L., Brooks, M. M.
2009; 120 (25): 2550-U69
 - **Effect of Race on the Clinical Outcomes in the Bypass Angioplasty Revascularization Investigation Trial** *CIRCULATION-CARDIOVASCULAR QUALITY AND OUTCOMES*
Melsop, K., Brooks, M. M., Boothroyd, D. B., Hlatky, M. A.
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 - **Impact of asymptomatic and symptomatic end organ effects of diabetes mellitus on the quality of life in the bypass angioplasty revascularization investigation of type 2 diabetes (BARI 2D)**
Beohar, N., Davidson, C. J., Hillegass, W., Massaro, E., Hlatky, M., Krauland, M., Korytkowski, M., Melsop, K., Brooks, M., BARI 2D Investigators
LIPPINCOTT WILLIAMS & WILKINS.2006: 845
 - **Economic evaluation of alternative strategies to treat patients with diabetes mellitus and coronary artery disease** *AMERICAN JOURNAL OF CARDIOLOGY*
Hlatky, M. A., Melsop, K. A., Boothroyd, D. B.
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 - **Medical costs and quality of life 10 to 12 years after randomization to angioplasty or bypass surgery for multivessel coronary artery disease** *CIRCULATION*
Hlatky, M. A., Boothroyd, D. B., Melsop, K. A., Brooks, M. M., Mark, D. B., Pitt, B., Reeder, G. S., Rogers, W. J., RYAN, T. J., Whitlow, P. L., Wiens, R. D.
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 - **Quality of life and time trade-off utility measures in patients with coronary artery disease** *AMERICAN HEART JOURNAL*
Melsop, K. A., Boothroyd, D. B., Hlatky, M. A.
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 - **The prognostic value of troponin in patients with non-ST elevation acute coronary syndromes: A meta-analysis** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*
Heidenreich, P. A., Alloggiamento, T., Melsop, K., McDonald, K. M., Go, A. S., Hlatky, M. A.
2001; 38 (2): 478-485
 - **Prediction of risk for patients with unstable angina. Evidence report/technology assessment (Summary)**
Heidenreich, P. A., Go, A., Melsop, K. A., Alloggiamento, T., McDonald, K. M., Hagan, V., Hastie, T., Hlatky, M. A.
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 - **The prognostic value of troponin in patients with non-ST-elevation acute coronary syndromes: A meta-analysis**
Heidenreich, P. A., Alloggiamento, T., Hagan, Melsop, K., McDonald, K. M., Go, A. S., Hlatky, M. A.
ELSEVIER SCIENCE INC.2000: 267A
 - **T-cells infiltrating renal cell carcinoma display a poor proliferative response even though they can produce interleukin 2 and express interleukin 2 receptors.** *Cancer research*
Alexander, J. P., Kudoh, S., Melsop, K. A., Hamilton, T. A., Edinger, M. G., Tubbs, R. R., Sica, D., Tuason, L., Klein, E., Bukowski, R. M.
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