Stanford



Barry Behr, Ph.D., H.C.L.D.

Professor of Obstetrics and Gynecology (Reproductive Endocrinology and Infertility), Emeritus

Obstetrics & Gynecology - Reproductive Endocrinology and Infertility (REI)

CONTACT INFORMATION

- **Administrative Contact**

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Bio

BIO

Dr. Behr graduated from University of Nevada-Reno with honors and earned his Ph.D. with emphasis in Reproductive Physiology in 1991, board certified as High Complexity Laboratory Director in 1994, and board certified as Embryology Laboratory Director in 2003.

Dr. Behr is a nationally and internationally renowned clinical and scientific leader in the research and advances of human reproduction. As a world-renown scientist and lecturer, he is highly sought after to chair scientific programs and conferences, was the first non M.D. President of the Pacific Coast Reproductive Society, and has been appointed as program chair of several professional meetings. He is in the forefront of clinical and scientific advances in reproduction, nationally and internationally as an entrepreneur and has founded several fertility related businesses. Dr. Behr developed a culture medium for embryo culture to the blastocyst stage, which improved pregnancy rates, implantation rates and reduced the risks of multiple gestation in IVF. Dr. Behr has been widely recognized for his research. He has published over 110 peer-reviewed publications, and has authored over 190 abstracts and 16 book chapters.

Dr. Behr enjoys racing cars, golfing, barbequing, and spending time with his family.

ACADEMIC APPOINTMENTS

- Emeritus Faculty-Med Ctr Line, Obstetrics & Gynecology - Reproductive Endocrinology and Infertility (REI)
- Member, Bio-X
- Member, Maternal & Child Health Research Institute (MCHRI)

PROFESSIONAL EDUCATION

- H.C.L.D., Am. Bd. of Bioanalysists
- Ph.D., Univ. of Nevada-Reno, Reno, NV , Biology (1991)

LINKS

- Stanford Fertility and Reproductive Health: http://www.stanfordchildrens.org/en/service/fertility-and-reproductive-health

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Development of improved embryo culture conditions in vitro. Blastocyst cultures. Embryo metabolism in vitro. Embryo maternal dialogue. Clinical application and integration of extended embryo culture systems. Monozygotic twinning. Prevention of multiple pregnancy. Sperm motility enhancers. Fluorescent and non-fluorescent markers of sperm morphology and viablility.Oocyte cryopreservation. Fertility preservation. Improving IVF outcome.

Publications

PUBLICATIONS

- **Micro magnetic resonance spectroscopy for noninvasive metabolic screening of mammalian embryos and oocytes.** *Proceedings of the National Academy of Sciences of the United States of America*
  Sivelli, G., Barakat, A., Marable, K. B., Gruet, G., Bitetti, S. L., Behr, B., Lodde, V., Luciano, A. M., Herrera, C., Blom, M., Grisi, M.
  2025; 122 (31): e2424459122
- **Healthy euploid dizygotic twin birth after transfer of non-mosaic aneuploid embryos.** *Fertility and sterility*
  Tise, C. G., Verma, K., Rivera-Cruz, G., Chamanara, S., Gerber, S. K., Boyd, A., Mazzoni, R., Nel-Themaat, L., Behr, B., Milki, A. A., Lathi, R. B.
  2025
- **Patient perspectives after receiving simulated preconception polygenic risk scores (PRS) for family planning.** *Journal of assisted reproduction and genetics*
  Katz, M., Siddiqui, N., Behr, B., Chandramohan, D., Zhang, Q., Suer, F., Xia, Y., Podgursky, B.
  2025
- **Development and evaluation of a usable blastocyst predictive model using the biomechanical properties of human oocytes.** *PloS one*
  Meyer, D., Kort, J., Chen, C. H., Zhao, H., Yi, X., Lai, S. Y., Lu, F., Yang, W. J., Hsieh, I. C., Chiang, C. L., Chen, W. M., Huang, J. Y., Camarillo, et al
  2024; 19 (5): e0299602
- **The first clinical validation of whole-genome screening on standard trophectoderm biopsies of preimplantation embryos.** *F&S reports*
  Xia, Y., Katz, M., Chandramohan, D., Bechor, E., Podgursky, B., Hoxie, M., Zhang, Q., Chertman, W., Kang, J., Blue, E., Chen, J., Schleede, J., Slotnick, et al
  2024; 5 (1): 63-71
- **Assessing mail-in cryopreservation for fertility preservation**
  Belarmino, A. R., Morris, J., Kenfield, S. A., Colin, D., Griscom, B., Honig, S., Dupree, J. M., Samplaski, M. K., Halpern, J., Behr, B., Lamb, D., Matthews, W., Smith, et al
  LIPPINCOTT WILLIAMS & WILKINS.2023
- **Assessing mail-in cryopreservation for fertility preservation.**
  Belarmino, A. R., Morris, J., Kenfield, S. A., Colin, D., Griscom, B., Honig, S., Dupree, J. M., Samplaski, M. K., Halpern, J., Behr, B., Lamb, D., Matthews, W., Smith, et al
  LIPPINCOTT WILLIAMS & WILKINS.2023
- **Previously uncharacterized rectangular bacterial structures in the dolphin mouth.** *Nature communications*
  Dudek, N. K., Galaz-Montoya, J. G., Shi, H., Mayer, M., Danita, C., Celis, A. I., Viehboeck, T., Wu, G., Behr, B., Bulgheresi, S., Huang, K. C., Chiu, W., Relman, et al
  2023; 14 (1): 2098
- **Cost-effectiveness of IVF with PGT-M/A to prevent transmission of spinal muscular atrophy in offspring of carrier couples.** *Journal of assisted reproduction and genetics*
  Khorshid, A., Boyd, A. L., Behr, B., Zhao, Q., Alvero, R., Bavan, B.
  2023
- **The developmental competence of human metaphase I oocytes with delayed maturation in vitro.** *Fertility and sterility*
  Moon, J. H., Zhao, Q., Zhang, J., Reddy, V., Han, J., Cheng, Y., Zhang, N., Dasig, J., Nel-Themaat, L., Behr, B., Yu, B.
  2022

- **Assessment of patients' perceptions towards embryo disposition after donation of embryos to a research biobank.** *Journal of assisted reproduction and genetics*
  Khorshid, A., Wignarajah, A., Zhang, J., Alvero, R., Lathi, R. B., Behr, B., Murugappan, G.
  2022
- **ASSESSMENT OF PATIENTS' ATTITUDES TOWARDS EMBRYO DONATION FOR RESEARCH.**
  Khorshid, A., Wignarajah, A., Alvero, R., Lathi, R. B., Behr, B., Murugappan, G.
  ELSEVIER SCIENCE INC.2022: E17-E18
- **Implementation of a comprehensive fertility biobanking initiative.** *F&S science*
  Wignarajah, A., Alvero, R., Lathi, R. B., Aghajanova, L., Eisenberg, M., Winn, V. D., Behr, B., Murugappan, G.
  2022; 3 (3): 228-236
- **AVERAGE COST OF IN VITRO FERTILIZATION WITH PREIMPLANTATION GENETIC TESTING FOR MONOGENIC DISORDERS AND ANEUPLOIDY PER UNAFFECTED LIVE BIRTH FOR CARRIER COUPLES.**
  Khorshid, A., Boyd, A. L. H., Behr, B., Zhao, Q., Alvero, R. J., Bavan, B.
  ELSEVIER SCIENCE INC.2021: E374-E375
- **COST-EFFECTIVENESS OF IN VITRO FERTILIZATION WITH PREIMPLANTATION GENETIC TESTING TO PREVENT TRANSMISSION OF SPINAL MUSCULAR ATROPHY.**
  Khorshid, A., Boyd, A. L. H., Behr, B., Zhao, Q., Alvero, R. J., Bavan, B.
  ELSEVIER SCIENCE INC.2021: E373-E374
- **THE COMPETENCY OF SINGLE EUPLOID BLASTOCYSTS FROM IN VITRO-MATURED (IVM) HUMAN OOCYTES WITH PREIMPLANTATION GENETIC TESTING FOR ANEUPLOIDY (PGT-A) AFTER CONTROLLED OVAIAN HYPERSTIMULATION (COH).**
  Moon, J., Zhao, Q., Reddy, V. V., Han, J., Chang, Y., Zhang, N., Dasig, J., Behr, B. R.
  ELSEVIER SCIENCE INC.2021: E278-E279
- **Fertility technologies and how to optimize laboratory performance to support the shortening of time to birth of a healthy singleton: a Delphi consensus.** *Journal of assisted reproduction and genetics*
  Coticchio, G., Behr, B., Campbell, A., Meseguer, M., Morbeck, D. E., Pisaturo, V., Plancha, C. E., Sakkas, D., Xu, Y., D'Hooghe, T., Cottell, E., Lundin, K.
  2021
- **Comparison of aneuploidy rates between conventional invitro fertilization and intracytoplasmic sperm injection in invitro fertilization-intracytoplasmic sperm injection split insemination cycles.** *F&S reports*
  Deng, J., Kuyoro, O., Zhao, Q., Behr, B., Lathi, R. B.
  2020; 1 (3): 277-281
- **A preliminary study of sperm identification in microdissection testicular sperm extraction samples with deep convolutional neural networks.** *Asian journal of andrology*
  Wu, D. J., Badamjav, O., Reddy, V. V., Eisenberg, M., Behr, B.
  2020
- **Relationship Between Male Age, Semen Parameters and Assisted Reproductive Technology Outcomes.** *Andrology*
  Kasman, A. M., Li, S., Zhao, Q., Behr, B., Eisenberg, M. L.
  2020
- **Preimplantation genetic testing for aneuploidy in poor ovarian responders with four or fewer oocytes retrieved.** *Journal of assisted reproduction and genetics*
  Deng, J., Hong, H. Y., Zhao, Q., Nadgauda, A., Ashrafian, S., Behr, B., Lathi, R. B.
  2020
- **DEVELOPMENT POTENTIAL AND ANEUPLOIDY RATES IN ZYGOTES DERIVED FROM MII OOCYTES AT STRIPPING VERSUS MI-MII IN VITRO CONVERTED OOCYTES**
  Bavan, B., Zhao, Q., Behr, B.
  ELSEVIER SCIENCE INC.2020: E37–E38
- **RELATIONSHIP BETWEEN SEMEN PARAMETERS AND ASSISTED REPRODUCTIVE TECHNOLOGY OUTCOMES**
  Kasman, A., Li, S., Behr, B., Eisenberg, M.
  LIPPINCOTT WILLIAMS & WILKINS.2020: E538

- **The impact of culture conditions on blastocyst formation and aneuploidy rates: a comparison between single-step and sequential media in a large academic practice.** *Journal of assisted reproduction and genetics*
  Deng, J., Zhao, Q., Cinnioglu, C., Kayali, R., Lathi, R. B., Behr, B.
  2020
- **Blastocyst formation rate for Asians versus Caucasians and within body mass index categories.** *Journal of assisted reproduction and genetics*
  Khunte, R. n., Li, M. n., Behr, B. n., Zhao, Q. n., Baker, V. L.
  2020
- **HIPK4 is essential for murine spermiogenesis.** *eLife*
  Crapster, J. A., Rack, P. G., Hellmann, Z. J., Le, A. D., Adams, C. M., Leib, R. D., Elias, J. E., Perrino, J. n., Behr, B. n., Li, Y. n., Lin, J. n., Zeng, H. n., Chen, et al
  2020; 9
- **CORRELATION BETWEEN BLASTOCYST STAGE OF EXPANSION AND CLINICAL OUTCOME: A RETROSPECTIVE ANALYSIS OF 810 SINGLE EUPLOID BLASTOCYST TRANSFER CYCLES AT A SINGLE IVF CENTER.**
  Reddy, V. V., Zhao, Q., Badamjav, O., Dasig, J., Moon, J., Qin, Y., Masoudi, A., Tuyen, K., Behr, B. R.
  ELSEVIER SCIENCE INC.2019: E158–E159
- **PILOT UTILIZATION OF CONVOLUTIONAL NEURAL NETWORKS TO IMPROVE THE EFFICIENCY OF FERTILIZATION CHECKS.**
  Reddy, V., Badamjav, O., Meyer, D., Behr, B.
  ELSEVIER SCIENCE INC.2019: E5
- **PRELIMINARY APPLICATION OF CONVOLUTIONAL NEURAL NETWORK TO IMPROVE THE EFFICIENCY OF FINDING RARE SPERMATOZOA IN MICRO-TESE SAMPLES.**
  Badamjav, O., Reddy, V., Meyer, D., Eisenberg, M., Behr, B.
  ELSEVIER SCIENCE INC.2019: E28
- **At-home sperm testing for epidemiologic studies: Evaluation of the Trak male fertility testing system in an internet-based preconception cohort.** *Paediatric and perinatal epidemiology*
  Sommer, G. J., Wang, T. R., Epperson, J. G., Hatch, E. E., Wesselink, A. K., Rothman, K. J., Fredriksen, L. L., Schaff, U. Y., Behr, B. n., Eisenberg, M. L., Wise, L. A.
  2019
- **Orienting Oocytes using Vibrations for In-Vitro Fertilization Procedures**
  Meyer, D., Colon, M., Alizadeh, H., Su, L., Behr, B., Camarillo, D. B., IEEE
  edited by Howard, A., Althoefer, K., Arai, F., Arrichiello, F., Caputo, B., Castellanos, J., Hauser, K., Isler, Kim, J., Liu, H., Oh, P., Santos, Scaramuzza, D., Ude, A., Voyles, R., Yamane, K., Okamura, A.
  IEEE.2019: 4837–43
- **Euploidy in relation to blastocyst sex and morphology** *JOURNAL OF ASSISTED REPRODUCTION AND GENETICS*
  Wang, A., Kort, J., Behr, B., Westphal, L. M.
  2018; 35 (9): 1565–72
- **Euploidy in relation to blastocyst sex and morphology.** *Journal of assisted reproduction and genetics*
  Wang, A., Kort, J., Behr, B., Westphal, L. M.
  2018
- **A MAGNETIC LEVITATION PLATFORM FOR THE ISOLATION OF MATURE SPERM FROM TESE/TESA SAMPLES**
  Durmus, G., Gupta, R., Badamjav, O., Reddy, V., Eisenberg, M. L., Behr, B., Demirci, U.
  ELSEVIER SCIENCE INC.2018: E26–E27
- **Guidance and Self-Sorting of Active Swimmers: 3D Periodic Arrays Increase Persistence Length of Human Sperm Selecting for the Fittest.** *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*
  Chinnasamy, T., Kingsley, J. L., Inci, F., Turek, P. J., Rosen, M. P., Behr, B., Tüzel, E., Demirci, U.
  2018; 5 (2): 1700531
- **Racial Variation in Semen Quality at Fertility Evaluation.** *Urology*
  Khandwala, Y. S., Zhang, C. A., Li, S., Behr, B., Guo, D., Eisenberg, M. L.

2017

- **Maternal Endometrial hsa-miR-30d Is Taken Up by the Human Blastocyst and Induces Transcriptional Modifications**
  Shah, M. S., Vilella, F., Behr, B., Reddy, V., Wang, W., Navarro, R., Jimenez, J., Quake, S., Simon, C.
  SAGE PUBLICATIONS INC.2017: 227A
- **PRELIMINARY STUDY TO INVESTIGATE TELOMERASE REVERSE TRANSCRIPTASE EXPRESSION AMONG HUMAN CUMULUS CELLS.**
  Kort, J. D., Garbuzov, A., Artandi, S. E., Behr, B.
  ELSEVIER SCIENCE INC.2017: E9
- **Functional topography of the fully grown human oocyte** *EUROPEAN JOURNAL OF HISTOCHEMISTRY*
  Monti, M., Calligaro, A., Behr, B., Pera, R. R., Redi, C. A., Wossidlo, M.
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- **Guidance and Self-Sorting of Active Swimmers via 3-D Periodic Arrays** *Advanced Science*
  Chinnasamy, T., Kingsley, J. L., Inci, F., Turek, P. J., Rosen, M. P., Behr, B., Tuzel, E., Demirci, U.
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- **Hypertension and Male Fertility.** *The world journal of men's health*
  Guo, D. n., Li, S. n., Behr, B. n., Eisenberg, M. L.
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- **Biomechanics and developmental potential of oocytes and embryos.** *Fertility and sterility*
  Kort, J. n., Behr, B. n.
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- **Guidance and Self-Sorting of Active Swimmers: 3D Periodic Arrays Increase Persistence Length of Human Sperm Selecting for the Fittest.** *Adv Sci.*
  Chinnasamy, T., Kingsley, J., Inci, F., Turek, P., Rosen, M., Behr, B., Tüzel , E., Demirci, U.
  2017: 1-13
- **Relationship between paternal somatic health and assisted reproductive technology outcomes.** *Fertility and sterility*
  Eisenberg, M. L., Li, S., Wise, L. A., Lynch, C. D., Nakajima, S., Meyers, S. A., Behr, B., Baker, V. L.
  2016; 106 (3): 559-565
- **Human Embryonic Stem Cell Lines with Lesions in FOXP3 and NF1** *PLOS ONE*
  Zhu, H., Behr, B., Reddy, V. V., Hughes, M., Pan, Y., Baker, J.
  2016; 11 (3)
- **MICROFLUIDIC SPERM SORTING DEVICE FOR SELECTION OF FUNCTIONAL HUMAN SPERM FOR IUI APPLICATION**
  Chinnasamy, T., Behr, B., Demirci, U.
  ELSEVIER SCIENCE INC.2016: E17–E18
- **Human oocyte developmental potential is predicted by mechanical properties within hours after fertilization.** *Nature communications*
  Yanez, L. Z., Han, J., Behr, B. B., Reijo Pera, R. A., Camarillo, D. B.
  2016; 7: 10809-?
- **Human Embryonic Stem Cell Lines with Lesions in FOXP3 and NF1.** *PloS one*
  Zhu, H., Behr, B., Reddy, V. V., Hughes, M., Pan, Y., Baker, J.
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- **Label-free characterization of vitrification-induced morphology changes in single-cell embryos with full-field optical coherence tomography.** *Journal of biomedical optics*
  Zarnescu, L., Leung, M. C., Abeyta, M., Sudkamp, H., Baer, T., Behr, B., Ellerbee, A. K.
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- **Increased body mass index negatively impacts blastocyst formation rate in normal responders undergoing in vitro fertilization** *JOURNAL OF ASSISTED REPRODUCTION AND GENETICS*
  Comstock, I. A., Kim, S., Behr, B., Lathi, R. B.
  2015; 32 (9): 1299-1304

- **Aneuploidy rates and blastocyst formation after biopsy of morulae and early blastocysts on day 5.** *Journal of assisted reproduction and genetics*
  Kort, J. D., Lathi, R. B., Brookfield, K., Baker, V. L., Zhao, Q., Behr, B. R.
  2015; 32 (6): 925-930

- **Relationship between semen production and medical comorbidity** *FERTILITY AND STERILITY*
  Eisenberg, M. L., Li, S., Behr, B., Pera, R. R., Cullen, M. R.
  2015; 103 (1): 66-71

- **Comparison of epigenetic mediator expression and function in mouse and human embryonic blastomeres** *HUMAN MOLECULAR GENETICS*
  Chavez, S. L., McElroy, S. L., Bossert, N. L., De Jonge, C. J., Vera Rodriguez, M., Leong, D. E., Behr, B., Westphal, L. M., Pera, R. A.
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- **The role of serum testosterone in early pregnancy outcome: a comparison in women with and without polycystic ovary syndrome.** *Journal of obstetrics and gynaecology Canada : JOGC = Journal d'obstétrique et gynécologie du Canada : JOGC*
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  Luco, S. M., Agbo, C., Behr, B., Dahan, M. H.
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- **Semen quality, infertility and mortality in the USA** *HUMAN REPRODUCTION*
  Eisenberg, M. L., Li, S., Behr, B., Cullen, M. R., Galusha, D., Lamb, D. J., Lipshultz, L. I.
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- **Atypical embryo phenotypes identified by time-lapse microscopy: high prevalence and association with embryo development** *FERTILITY AND STERILITY*
  Wirka, K. A., Chen, A. A., Conaghan, J., Ivani, K., Gvakharia, M., Behr, B., Suraj, V., Tan, L., Shen, S.
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  Shortliffe, L. M., Ye, Y., Behr, B., Wang, B.
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- **Morphological Assessment of Embryo Viability** *SEMINARS IN REPRODUCTIVE MEDICINE*
  Abeyta, M., Behr, B.
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- **Assessment of imaging parameters correlated with the effects of cryopreservation on embryo development** *Conference on Optical Methods in Developmental Biology II*
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- **Embryo culture and selection: morphological criteria.** *Methods in molecular biology (Clifton, N.J.)*
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- **EED and KDM6B Coordinate the First Mammalian Cell Lineage Commitment To Ensure Embryo Implantation** *MOLECULAR AND CELLULAR BIOLOGY*
  Saha, B., Home, P., Ray, S., Larson, M., Paul, A., Rajendran, G., Behr, B., Paul, S.
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- **Time-lapse microscopy and image analysis in basic and clinical embryo development research** *REPRODUCTIVE BIOMEDICINE ONLINE*
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  Behr, B., McElroy, S.
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- **Testosterone concentrations in early pregnancy: relation to method of conception in an infertile population** *REPRODUCTIVE BIOMEDICINE ONLINE*
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  Quarto, N., Leonard, B., Li, S., Marchand, M., Anderson, E., Behr, B., Francke, U., Reijo-Pera, R., Chiao, E., Longaker, M. T.
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- **Donation of Embryos for Human Development and Stem Cell Research** *CELL STEM CELL*
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- **IVF Outcomes: Effects of Blood or Mucus on the Tip of a Soft Embryo Transfer Catheter After Embryo Transfer** *59th Annual Meeting of the Pacific-Coast-Reproductive-Society*
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- **Day 2 versus day 3 embryo transfer in poor responders: a prospective randomized trial** *FERTILITY AND STERILITY*
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  Kea, B., Gebhardt , J., Westphal, L., Lathi, R., Watt , J., Behr, B.
  2005
- **Pregnancies and live births after transfer of cryopreserved hatching or hatched blastocysts.** *53rd Annual Pacific Coast Reproductive Society Conference*
  Shu, Y., Gebhardt , J., Watt, J., Lyon, J., Jensen, J., Behr , B.
  2005
- **Does euploid embryo ranking by trophectoderm cell mitochondrial DNA content correspond with ranking by blastocyst morphology within an individual patient's cohort of blastocysts?** *72nd Annual American Society for Reproductive Medicine Conference*
  Kort, J., Lathi, R., Behr, B.
  2016
- **Microfluidic sperm sorting device for selection of functional human sperm for IUI application.** *64th Annual Pacific Coast Reproductive Society Conference*
  Chinnasamy, T., Behr, B., Demirci, U.
  2016
- **The relationship between a man's somatic health and ART outcomes.** *71st Annual American Society for Reproductive Medicine Conference*
  Eisenberg, M., Li, S., Behr, B., Nakajima, S., Baker, V.
  2015

- **Blastocyst Implantation is Correlated with Outputs from Automated Time-lapse Analysis by the EEVA Test.** *71st Annual American Society for Reproductive Medicine Conference*
  Liebermann , J., Bartolucci, A., Troup , S., Wagner Coughlin, C., Yee, B., Behr, B.
  2015
- **Computer-automated Time-lapse Test Results are Predictive of Pregnancy Following Blastocyst Transfer.** *71st Annual American Society for Reproductive Medicine Conference*
  Behr, B., Beltsos, A., Yee, B., Kingsland , C., Benadiva, C., Liebermann, J.
  2015
- **Non-invasive Technology Combining Time-lapse Imaging and Statistical Modeling: Bringing Automation into the Lab to Improve Blastocyst Selection.** *71st Annual American Society for Reproductive Medicine Conference*
  Behr, B., Tan, L., Conaghan , J., Liebermann, J., Bartolucci, A., Chen, A.
  2015
- **Shared Oocyte Donation Program Produces High Clinical Pregnancy Rate-A Three Year Follow Up Study.** *63rd Annual Pacific Coast Reproductive Society Conference*
  Khoury, C., Frederick, J., Coffler, M., Sills, E., Behr, B., Potter, D.
  2015
- **Is there an Association between Gonadotropin Dosing and Aneuploidy Rates?** *70th Annual American Society for Reproductive Medicine Conference*
  Kort, J., Zolton, J., Behr, B., Lathi, R., Baker, V.
  2014
- **Mechanical Biomarkers of Oocyte Maturation.** *70th Annual American Society for Reproductive Medicine Conference*
  Zarnescu, L., Han, J., Behr, B., Reijo Pera, R., Camarillo, D.
  2014
- **Assessing the Effects of Vitrification on Embryo Viability using Label-Free Imaging.** *70th Annual American Society for Reproductive Medicine Conference*
  Zarnescu, L., Abeyta, M., Baer, T., Behr, B., Ellerbee, A.
  2014
- **A comparison of aneuploidy rates between Asian and Caucasian patients.** *30th Annual European Society of Human Reproduction and Embryology Meeting*
  Behr, B., Smotrich, D., Gaona, M., Hamic , A., Wang, X., Kort, J.
  2014
- **Paternal Age and Total Motile Sperm Parameters Are Not Correlated with Embryo Aneuploidy Rates.** *62nd Annual Pacific Coast Reproductive Society Conference*
  Kort, J., Zhao, Q., Behr, B.
  2014
- **Increased Body Mass Index Negatively Impacts Blastocyst Formation Rate in Patients Undergoing In Vitro Fertilization.** *62nd Annual Pacific Coast Reproductive Society Conference*
  Comstock, I., Behr, B., Lathi, R.
  2014
- **Day 5 “Early Blastocysts”: Worthy of a Biopsy in IVF Cycles with PGS?** *62nd Annual Pacific Coast Reproductive Society Conference*
  Kort, J., Lathi, R., Baker, V., Zhao, Q., Behr, B.
  2014
- **Are Anti-Müllerian Hormone Levels Predictive of Aneuploidy Rates?** *62nd Annual Pacific Coast Reproductive Society Conference*
  Kort, J., Lathi, R., Zhao, Q., Behr, B., Baker, V.
  2014
- **Office administration of single does GnRH antagonist: minimizing patient injections utilizing a simple and highly effective IVF protocol.** *61st Annual American Society for Reproductive Medicine Conference*
  Boostanfar , R., Feinman, M., Le, A., Wang, H., Behr, B.
  2005

- **Outcome parameters of day 5 versus day 6 frozen blastocysts.** *64th Annual American Society for Reproductive Medicine Conference*
  Zhao, Q., Gebhardt , J., Shu, Y., Watt, J., Dasig, J., Behr, B.
  2008

- **Non-invasive imaging for the detection of human embryonic aneuploidy at the blastocyst stage.** *68th Annual American Society of Reproductive Medicine Conference*
  Friedman , B., Chavez, S., Behr, B., Lathi, R., Baker, V., Reijo Pera, R.
  2012

- **Cumulative Pregnancy Rates Following Fresh And Frozen-Thawed Embryo Transfer Cycles Using A Recombinant Follicle-Stimulating Hormone (rFSH)/Gonadotropin-Releasing Hormone (GnRH) Antagonist Protocol.** *Pacific Coast Reproductive Society Annual Meeting 60th Anniversary Celebration*
  Doody, K., Behr, B., Grob, P., IJzerman-Boon, P., Gordon, K.
  2012

- **Oocyte Defects Leading to Triploid Miscarriages After Donor Oocyte IVF.** *Pacific Coast Reproductive Society Annual Meeting 60th Anniversary Celebration*
  Marshall, F., Behr, B., Lathi, R.
  2012

- **Spontaneous Abortion Rates Following Frozen Embryo Transfer: Preliminary Experience Comparing Slow and Vitrified Cryopreservation Methods.** *Pacific Coast Reproductive Society Annual Meeting 60th Anniversary Celebration*
  Dasig, J., Zhao, J., Reddy, V., Gebhardt , J., Suarez, M., Behr, B.
  2012

- **Autovaccine Targeting for Endometriosis By Inducing CTL: a Pilot Study.** *Pacific Coast Reproductive Society Annual Meeting 60th Anniversary Celebration*
  Wang, H., Feng, D., Behr, B.
  2012

- **Is Oocyte Maturation Rate A Predictor of IVF Outcome?** *Pacific Coast Reproductive Society Annual Meeting 60th Anniversary Celebration*
  Behr, B., Gebhardt, J., Dasig, J., Reddy, V., Suarez , M., Baker, V.
  2012

- **Impact of FISH and 24 Chromosome PGS on Donor Oocyte Pregnancy Rate.** *67th Annual American Society of Reproductive Medicine Conference*
  Behr, B., Ross, R., Batzofin, D., Wang, S., Smotrich, D.
  2011

- **Non-Invasive Assessment of Embryo Viability Using Novel Automated Imaging Technology. (First Prize Winner)** *67th Annual American Society of Reproductive Medicine Conference*
  Behr, B., Chavez, S., Loewke, K., Reijo Pera, R.
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  Rabinowitz, M., Johnson, D., Cinnioglu, C., Gemelos, G., Banjevie, M., Alper, M., Ross, R., Smotrich, D., Potter, D., Behr, B.
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- **Corifollitropin alfa versus recombinant FSH treatment for COS in a GnRH antagonist protocol: equal efficacy in terms of oocyte and embryo quality.** *25th Annual European Society of Human Reproduction and Embryology Conference*
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  Mekonnen, Z., Lathi, R., Baker, V., Behr, B.
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- **A comparison of blastocyst formation from one-cell mouse zygotes following an aseptic vitrification system.** *56th Annual Pacific Coast Reproductive Society Conference*
  Dasig, J., Bertocci, F., Zhao, Q., Shu, Y., Behr, B.
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- **Novel technology for simultaneous reliable measurement of multiple alleles and copy number across 24 chromosomes in single human blastomeres.** *56th Annual Pacific Coast Reproductive Society Conference*
  Johnson, D., Rabinowitz, M., Cinnioglu , C., Keller, J., Banjevic, M., Singer, J., Baner, J., Sheena, J., Behr, B.
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- **Correlation between normal sperm head morphology (NSHM) and sperm binding potential to the sperm hyaluronan-binding assay (HBA(TM)).** *60th Annual American Society for Reproductive Medicine Conference*
  Worrilow, K., Lyon , J., Belcak, N., Peters, A., Johnston, J., Behr, B.
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- **Freezing at lower starting temperature (-6°C) improves human embryo viability and pregnancy rate.** *60th Annual American Society for Reproductive Medicine Conference*
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  Boostanfar, R., Feinman , M., Gao , C., Le, A., Behr, B.
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  Tan , T., Tran, C., Ivakhnenko, V., Behr, B.
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- **Case report: visualization of atypical hatching of a human blastocyst in vitro forming a monozygotic twin.** *59th Annual American Society for Reproductive Medicine Conference*
  Behr, B., Wang, H., Milki, A.
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- **Elective single blastocyst transfer.** *59th Annual American Society for Reproductive Medicine Conference*
  Milki, A., Littman, E., Hinckley, H., Westphal , L., Gebhardt, J., Behr, B.
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- **Blastocyst cryopreservation: an update.** *59th Annual American Society for Reproductive Medicine Conference*
  Behr, B., Gebhardt, J., Milki, A.
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- **Optimal day for embryo transfer? Reply of the authors.** *59th Annual American Society for Reproductive Medicine Conference*
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- **Comparison of laser versus acid Tyrode's assisted hatching on pregnancy rates in frozen embryo transfers.** *51st Annual Pacific Coast Reproductive Society Conference*
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- **Live birth of a normal healthy baby following replacement of refrozen blastocysts: previously thawed, hatched on day three and cultured to the blastocyst stage and then refrozen.** *63rd Annual American Society for Reproductive Medicine Conference*
  Khoury, C., Frederick, J., Potter, D., Behr, B.
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  Nelson, J., Potter, D., Wilcox, J., Frederick, J., Kolb, B., Behr, B.
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  Moayeri , S., Behr, B., Lathi, R., Westphal, L., Giudice , L., Milki, A.
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- **Effects of repetitive vitrification on the survival of mouse oocytes.** *61st Annual American Society for Reproductive Medicine Conference*
  Migishima, F., Shu, Y., Chen, B., Zhao, Y., Polan, M., Behr, B.
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- **Post-thaw embryo compaction is predictive of the success of frozen-thawed transfer.** *61st Annual American Society for Reproductive Medicine Conference*
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- **Efficacy of recombinant human serum albumin as a protein source for the development of in vitro culture human embryos: a pilot study.** *53rd Annual Pacific Coast Reproductive Society Conference*
  Lyon, J., Quinn, P., Carter, D., Ye, P., Dasig, D., Behr, B.
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- **The use of recombinant human serum albumin (rHSA) for mouse IVF and embryo culture: effect of diluent and protein stabilizers.** *53rd Annual Pacific Coast Reproductive Society Conference*

Quinn, P., Carter, D., Ye, P., Behr, B.
2005

- **Laser zona pellucida removal (LZPR): We now have a choice.** *53rd Annual Pacific Coast Reproductive Society Conference*
  Ivakhnenko , V., Tran, C., Tan, T., Behr, B.
  2005
- **Regulation of CYP17 expression in theca-interstitail cells by GM-CSF.** *53rd Annual Pacific Coast Reproductive Society Conference*
  Wang, H., Le, A., Boostanfar, R., Feinman, M., Behr, B.
  2005
- **The clinical outcomes of cryopreserved pronuclear embryos from standard IVF and ICSI.** *53rd Annual Pacific Coast Reproductive Society Conference*
  Wang, H., Le, A., Boostanfar, R., Feinman, M., Behr, B.
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- **Non-Invasive Assessment of Embryo Viability Using Novel Automated Imaging Technology. (First Prize Winner)** *67th Annual American Society of Reproductive Medicine Conference*
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