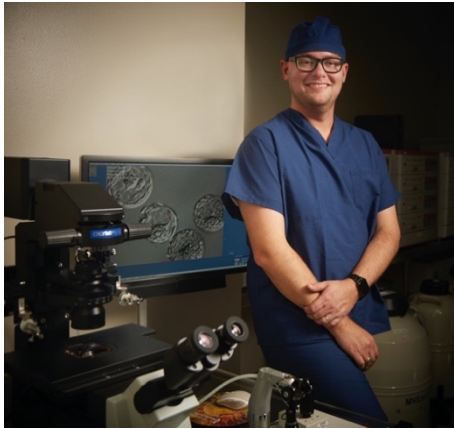


# MICHAEL BAKER, PHD, HCLD(ABB)

HIGH-COMPLEXITY CLINICAL LABORATORY DIRECTOR

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Phone - Direct:

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Email Address:

Michael@ImpartQuality.com

Mailing Address:

1176 Cadogan Squire

San Antonio, TX 78260

## SUMMARY

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Dr. Baker is a highly motivated, energetic Laboratory Director with an in-depth understanding of effective embryology methodology, gained through over than 10 years in high-achieving, goal-oriented organizations. Recognized for his proven ability to turn around critical business initiatives, Dr. Baker pairs exceptional strategic planning with thorough quality assurance to lead laboratories to the next level without compromising patient care.

## CORE STRENGTHS

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*Project Management* - Capable of leading multi-departmental efforts to achieve high-priority, complex goals for the strategic benefit of the company.

*Financial Strategy* - Fiscally responsible for maintaining streamlined laboratory budgets focused on minimizing waste and maximizing human resources without compromising exceptional success rates.

*Negotiation* – Fully adept at managing supplier contracts and renegotiating poorly established vendor relationships. Multiple experiences have resulted in cost savings from 30-50%.

## EXPERIENCE

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### Impart Quality Consulting, LLC PRESIDENT

02.2021 – PRESENT

- Embryology Recruiting and Job Placement
- Inspection Preparation
- Laboratory Design
- Laboratory Oversight

### Inception Fertility HIGH-COMPLEXITY CLINICAL LABORATORY DIRECTOR

10.2021 – PRESENT

- Aspire Fertility San Antonio
- Aspire Fertility Dallas
- Pacific Fertility Center

### Denver Fertility EMBRYOLOGY LABORATORY DIRECTOR

06.2019 – 05.2023

- Established quality laboratory policies and procedures
- Elevated IVF success rates to a nationally competitive level
- Attained laboratory accreditation through the Joint Commission
- Cut operational expenses by over 10%

### IVF Florida EMBRYOLOGY SUPERVISOR

08.2015 – 06.2019

- Mastered personal technical embryology skillset
- Managed a high-functioning team of ten embryologists
- Trained junior staff in all aspects of laboratory operations

### Fort Worth Fertility JUNIOR EMBRYOLOGIST

05.2013 – 08.2015

- Operational support of a high efficiency embryology laboratory
- Independent coverage of a high-volume andrology laboratory
- Successful preparation for CAP and FDA inspections

## EDUCATION

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UT Southwestern Medical Center - Dallas, TX 2013  
**PH.D. – REPRODUCTIVE BIOLOGY**  
Focus: Genetics and Development

Texas A&M University - College Station, TX 2008  
**B.S. – GENETICS**  
Focus: Human and Molecular Genetics

## CERTIFICATIONS

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American Board of Bioanalysis  
**HIGH-COMPLEXITY CLINICAL LABORATORY DIRECTOR** 2019  
**TECHNICAL SUPERVISOR – EMBRYOLOGY** 2017  
Certification #20151994

State of Florida - Department of Health 2018  
**CLINICAL LABORATORY SUPERVISOR**  
Certification #SU50606

## PERTINENT CONTINUING EDUCATION

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College of American Pathologists

**INSPECTION TEAM LEADER**

2019

American Society for Reproductive Medicine

**LABORATORY MANAGEMENT COURSE**

2019

## **EXTRACURRICULAR ACTIVITIES**

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College of Reproductive Biology (CRB)

**Director Member**

04.2022 – PRESENT

Southwest Embryology Society

**Board Member**

01.2022 – PRESENT

ART Compass IVF Management Software

**SCIENTIFIC ADVISORY BOARD MEMBER**

01.2021 – 10.2022

Colorado Association of Reproductive Technologists

**PRESIDENT**

01.2020 – 02.2022

References Available Upon Request.

## PUBLICATIONS

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- 1) Ezzati, MM, **Baker MD**, Saatcioglu HD, Alosio GM, Pena CG, Nakada Y, Cuevas I, Carr BR, Castrillon, DH. Regulation of FOXO3 subcellular localization by Kit ligand in the neonatal mouse ovary. *Journal of Assisted Reproduction and Genetics* (2015) 32(12):1741-1747.
- 2) **Baker MD**, Ezzati M, Aloisio GM, Tarnawa ED, Cuevas I, Nakada Y, Castrillon DH. The small GTPase Rheb is required for spermatogenesis but not oogenesis. *Reproduction*. (2014) 147(5):615-25.
- 3) Aloisio GM, Nakada Y, Saatcioglu HD, Peña CG, **Baker MD**, Tarnawa ED, Mukherjee J, Manjunath H, Bugde A, Sengupta AL, Amatruda JF, Cuevas I, Hamra FK, Castrillon DH. PAX7 expression defines germline stem cells in the adult testis. *Journal of Clinical Investigation*. (2014) 124(9):3929-44.
- 4) Tarnawa ED, **Baker MD**, Aloisio GM, Carr BR, Castrillon DH. Gonadal Expression of Foxo1, but Not Foxo3, is Conserved in Diverse Mammalian Species. *Biology of Reproduction*. (2013) 88 (4):103.
- 5) Du L, Subauste MC, DeSevo C, Zhao Z, **Baker MD**, Borkowski R, Schageman JJ, Greer R, Yang CR, Suraokar M, Wistuba II, Gazdar AF, Minna JD, Pertsemlidis A. miR-337-3p and Its Targets STAT3 and RAP1A Modulate Taxane Sensitivity in Non-Small Cell Lung Cancers. *PLoS ONE* (2012) 7(6): e39167.

## ABSTRACTS

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- 1) Ioannou D, **Baker MD**, Jones SA, Grass LR, Miller KA. Comparison of diagnostic results of preimplantation genetic testing for aneuploidy (PGT-A) from reference laboratories during a period of transition; Trends and inferences for patient care. O-75, ASRM 2018