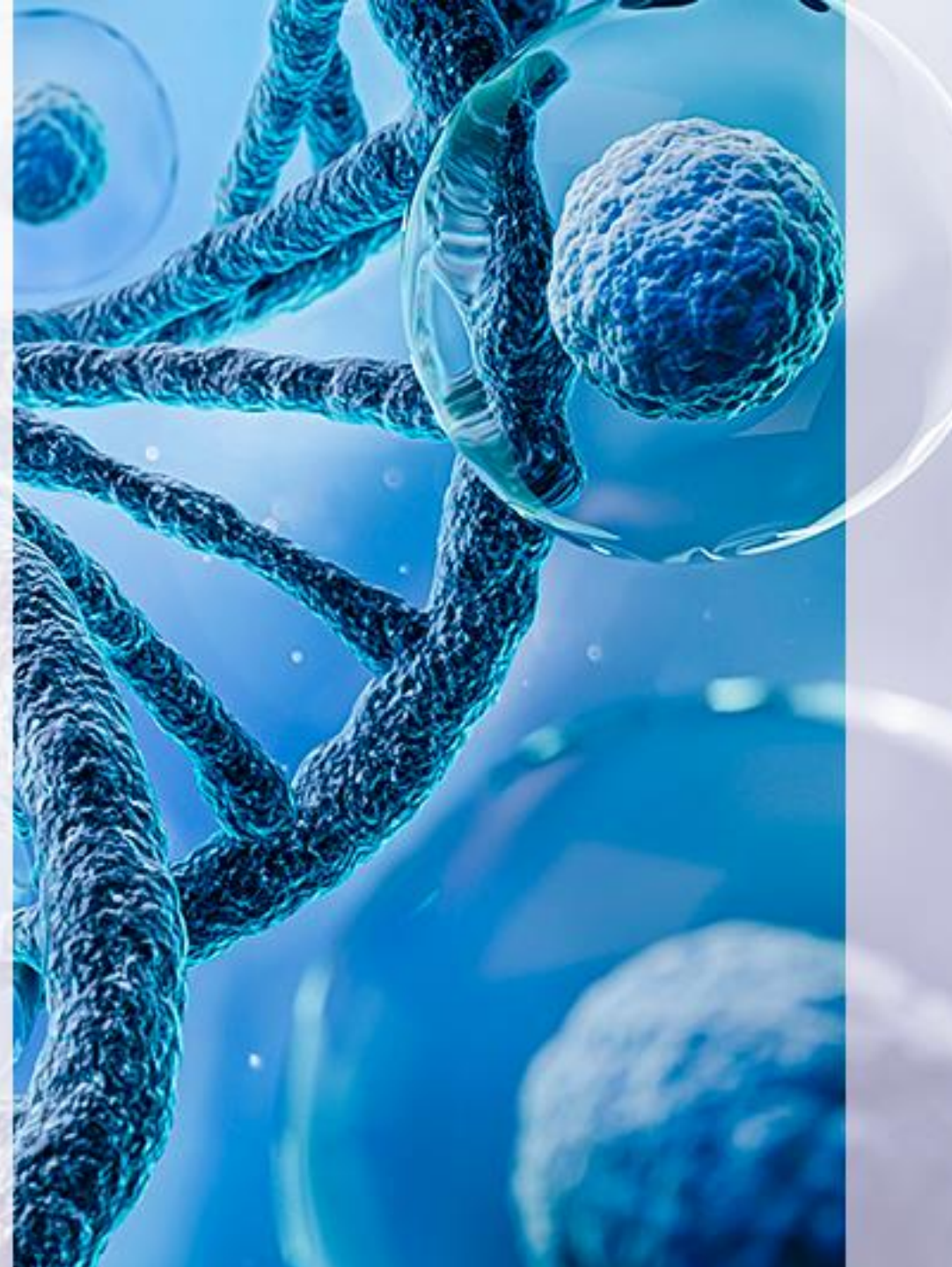


BAYLOR
GENETICS

INTRODUCTION
TO BAYLOR GENETICS



BAYLOR GENETICS



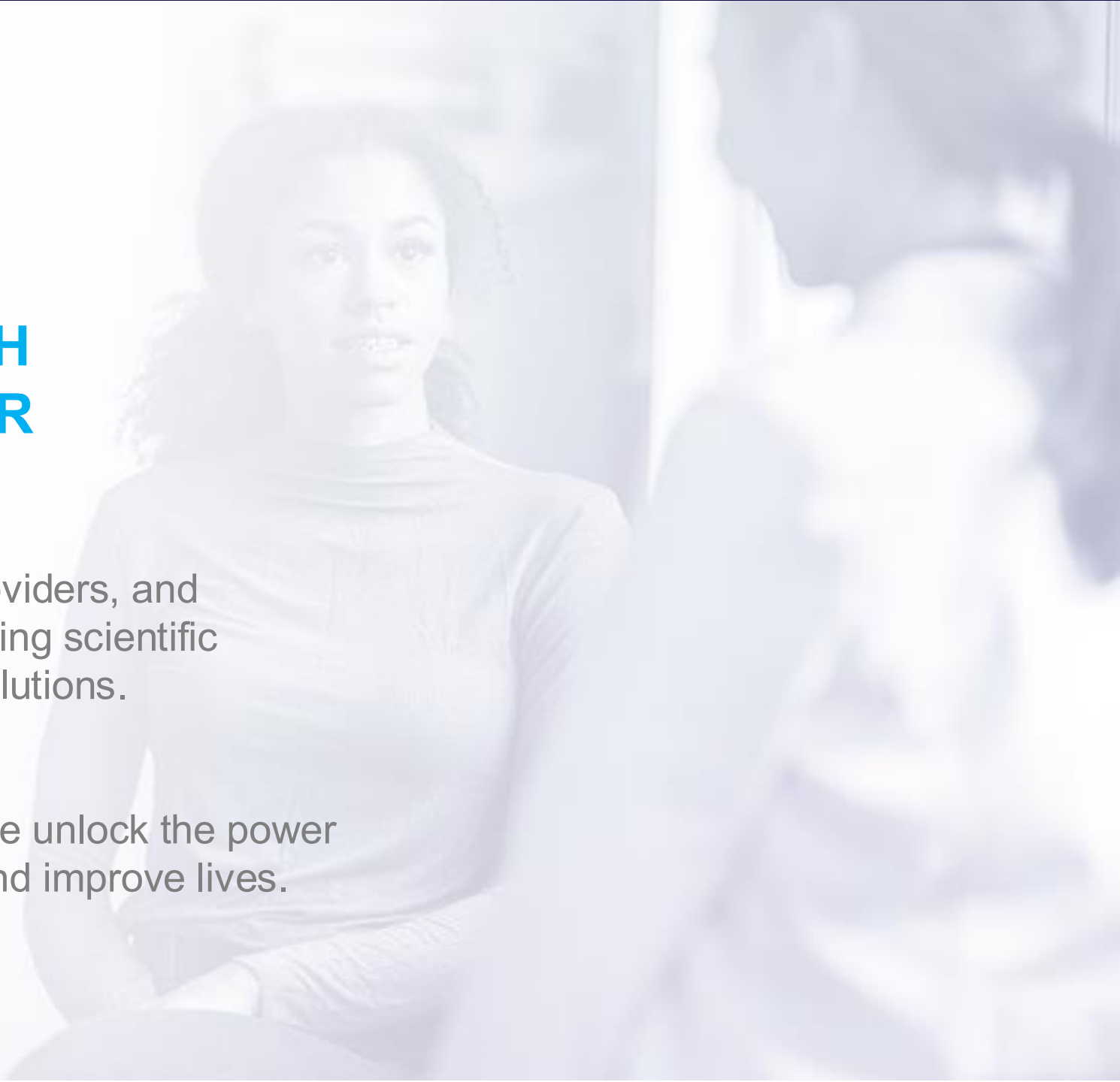
EMPOWERING YOU WITH ANSWERS THAT MATTER

Mission

We empower patients, healthcare providers, and partners with trusted insights, translating scientific innovations into accessible clinical solutions.

Vision

As a pioneer in precision medicine, we unlock the power of genetics to transform healthcare and improve lives.



// PROFILE AND OVERVIEW

BAYLOR GENETICS

BUSINESS

Genetic Testing Services

JOINT VENTURE

H.U. Group Holdings
Baylor College of Medicine

PRODUCTS & SERVICES

Diagnostic Genomics
Partner Lab Services

HEADQUARTERS

Texas Medical Center - Houston

CERTIFIED LAB



45+ years
of Innovation

2024 Fast Company
Innovators Award



350+
Employees



3000+
Customizable
Test Menu



350+
Scientific
Publications



Research
Commercialization

Baylor College of Medicine
#1 NIH funded in genetics



4 Million+
Clinical Tests

Performed to date



80+
Partners

Life Sciences, Pharma
Precision Medicine

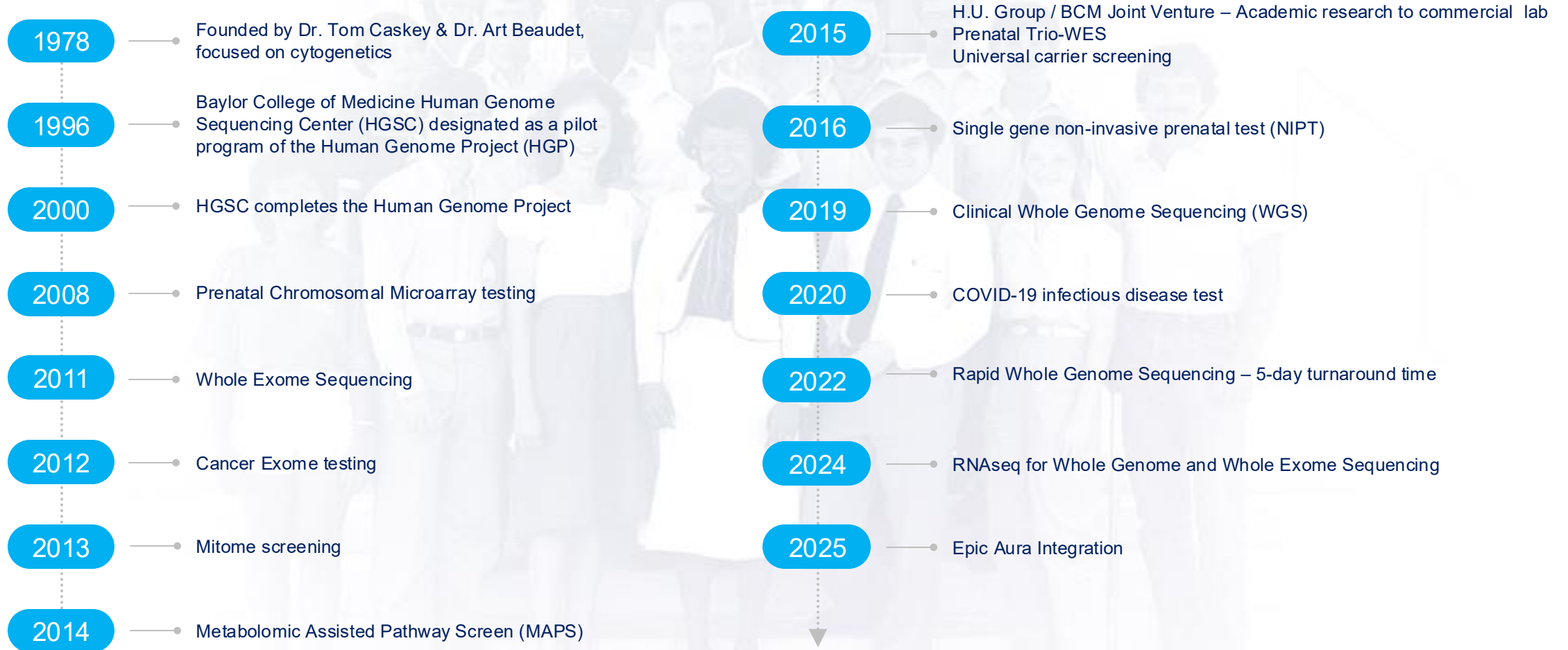


National &
Global Reach

50 states – 16 Countries

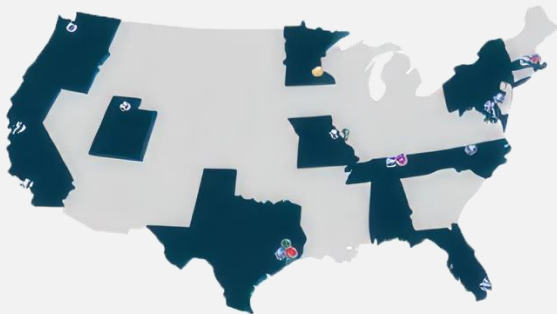
// TRACK RECORD OF INNOVATION

SCIENTIFIC AND CLINICAL IMPACT



// DEEP EXPERTISE IN RARE DISEASE

Baylor Genetics is the sole sequencing core partner for the Undiagnosed Diseases Network (UDN), funded by National Institutes of Health



2,396

participants evaluated or ~1 every other day

2,229

participants with exome and/or genome sequencing

718

30% of participants diagnosed

- UDN leverages Baylor Genetics expertise with Whole Genome and Exome Sequencing, and unique capabilities to deliver answers for patients with ultra-rare diseases
- Providing data-driven information and insights to improve health outcomes



COLLABORATING ON COMPLEX CASES

- 10-year partnership
- 14 sites at top U.S. children's hospitals and 10 diagnostic centers of excellence
- Working with clinical and research experts to solve the most challenging cases

// PROVEN LEADERSHIP TEAM

DECADES OF EXPERTISE IN HEALTH AND TECH

MANAGEMENT TEAM



Kengo Takishima
President & Chief Executive Officer



Christine Eng, MD
Chief Medical Officer
& Chief Quality Officer



Chris Sands
SVP, Sales & GM,
Diagnostic Genomics



Kim Davis
AVP, Commercial Operations



Jerry Wang
SVP, Business Development,
Emerging Business, & Strategic Alliances



Fan Xia, PhD
Chief Genomics Officer



Ji He, PhD
Chief Technology Officer



Shannon Kieran
VP, Product



Kourtney Walsh
Director, Client Services



David Berger
Chief Legal Officer



Linda Ballard
Chief Human Resources Officer



Li Shen
Chief Accounting Officer

SCIENTIFIC ADVISORY BOARD



Brendan Lee, MD, PhD
Robert and Janice McNair Endowed
Chair in Molecular and Human
Genetics, Professor & Chairman,
Molecular and Human Genetics,
Baylor College of Medicine



Sharon E. Plon, MD, PhD
Dan L. Duncan Comprehensive
Cancer Center Professorship,
Baylor College of Medicine



**Ignatia Barbara
Van den Veyver, MD**
Professor, Departments of Obstetrics and
Gynecology and Molecular and Human
Genetics, Baylor College of Medicine

SCIENCE AND MEDICINE

- 15+ PhDs and MDs
- 40+ ABMCG-certified lab directors, researchers, genetic counselors

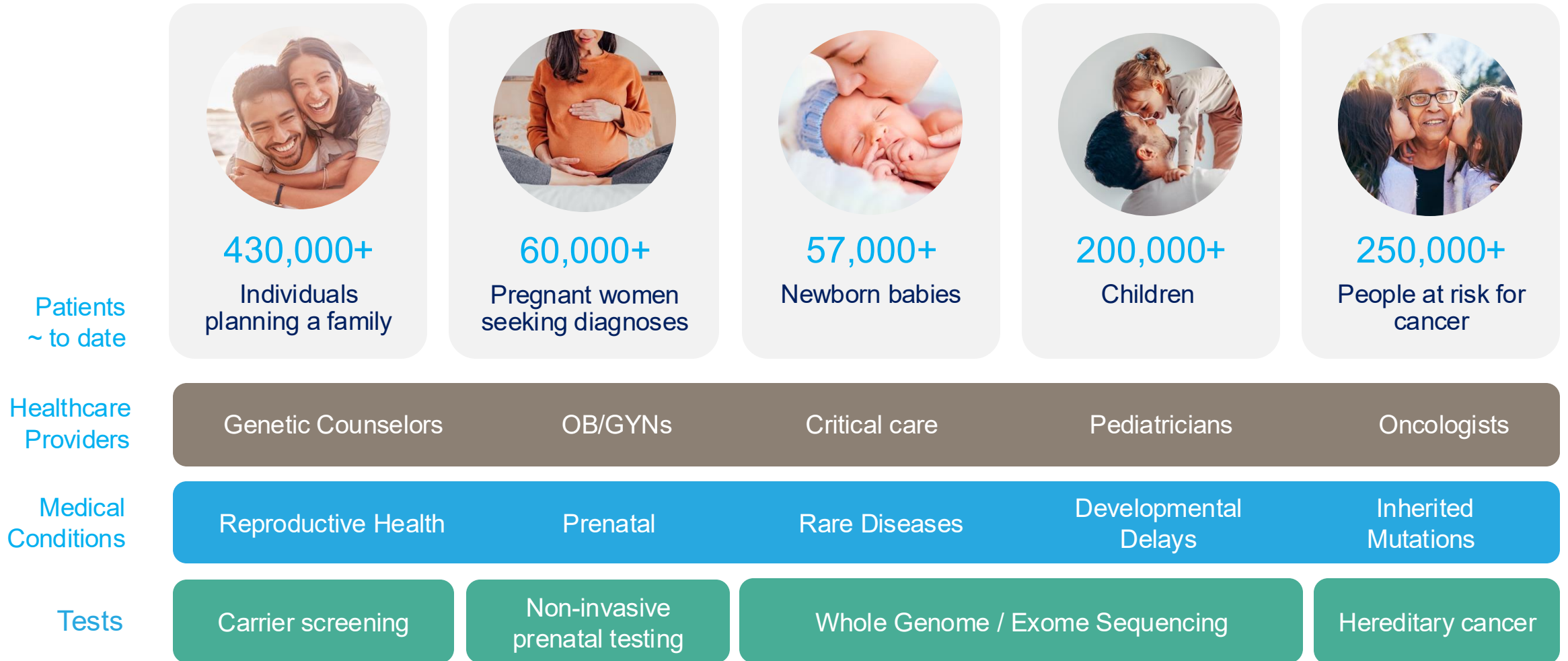
TECHNOLOGY AND BUSINESS

- Broad experience at enterprises including GE, GeneDx, Invitae, MD Anderson, PerkinElmer, Pfizer, and Roche
- Recognized on association boards, fellowships, 2024 top healthcare leader lists and merit awards

DOMAIN EXPERTISE

- Clinical and commercial
- Healthcare, biotech, life sciences, pharma, technology, strategy

// SERVING PATIENT AND PROVIDER NEEDS



// COMPREHENSIVE MULTI-OMIC TESTING



Whole Genome / Exome

- Comprehensive tests for complex cases
- High diagnostic yield in one test
- Fastest **rapid turnaround** – as soon as 5 days
- Re-analysis



Chromosomal Microarray

- Product range and flexibility
- Exon coverage of 5000+ genes
- 100k+ microarrays
- Complementary test options



Reproductive Health

- Prenatal multigene sequencing and carrier screening
- **PreSeek™** non-invasive prenatal screen
- **GeneAware™** reproductive carrier screen



Oncology

- Somatic and germline
- Hereditary Cancer with RNA seq reflex
- CMA exon coverage
- Cytogenetics and FISH



Biochemical

- Enzymes, proteins and metabolites
- **Global MAPS™** one-of-a-kind single test for inborn metabolic disorders



Molecular Diagnostics

- Customizable testing
- Disease-specific panels with WGS reflex
- Nuclear and Mitochondrial
- RNA sequencing



Advantages

Multidisciplinary assessment, industry-leading rapid turnaround time, flexible sample types, personalized treatment guidance, clinical support

// SCIENTIFIC RESEARCH AND KNOWLEDGE SHARING

Collaborative Research

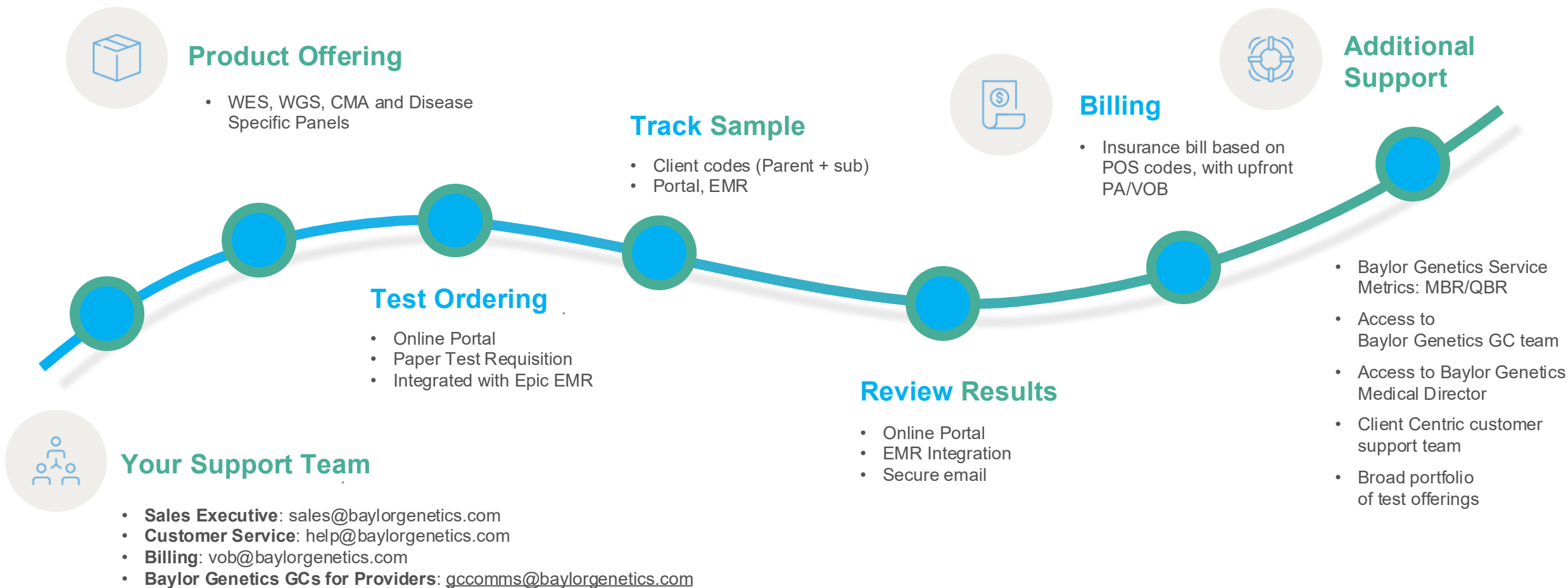


Peer Reviewed Publications and Presentations

- 350+ research studies and presentations
- 8 scientific studies¹ in major medical journals
- 15+ abstracts at top 2024 industry conferences
- 100+ new disease mechanisms discovered
- Data sharing with ClinVar



// CUSTOMER-CENTRIC SERVICE MODEL



// SUPPORTING PROVIDERS WITH OUR GENETIC EXPERTS

Genetic Counselor Support Team



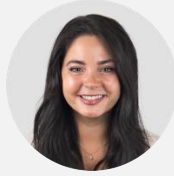
Laura Andolina
MS, CGC



Allie Heritage
MS, CGC



Thomas Felton
MS, CGC



Romy Fawaz
MS, CGC



Grace Hollingsworth
MS, CGC



Lexi Isaacs
MS, CGC

Medical Affairs Team



Jason Chibuk
MS, CGC



Rob Rigobello
MS, CGC



Sydney Lau
MS, CGC



Leah Campbell
MS, CGC



Eileen Barr
MS, CGC



Lisa Salz
MS, CGC

SCIENTIFIC LEADERSHIP

- 15+ PhDs and MDs
- 40+ ABMCG-certified lab directors, researchers, genetic counselors

PROVIDER SUPPORT

Our experienced client support team is available to handle your day-to-day needs.

DIRECT ACCESS TO BAYLOR'S GENETIC COUNSELORS

The genetic counseling team is available to provide clinical support to healthcare providers.

// STATE-OF-THE-ART TESTING LABORATORY



AUTOMATED WORKFLOWS

- Robotics, predictive analytics
- AI, machine learning
- 300,000 samples / yr



MULTI-OMICS PLATFORM

- Flexible, scalable testing capabilities
- Custom solutions and assays
- 2 petabytes of sequencing data / yr



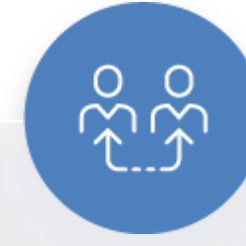
ADVANCED TECHNOLOGY

- New NovaSeq X sequencing high throughput clinical apps - 1st in Texas
- 73,000 sf testing hub



CURATED DATASETS

- 3.6 million+ validated clinical patient datasets
- Clinical trial, biomarker, drug discovery support



PARTNER SERVICES

- Strategic partnerships - life sciences, biotech & pharma
- Assay development, testing, validation and collaborative research



ANALYTICAL EXPERTISE

- 19 board-certified clinical Lab Directors
- Faculty of Baylor College of Medicine



CERTIFIED & ACCREDITED



CA, FL, MD, PA, RI



// OUR PARTNERS

NATIONAL RESEARCH PARTNERS



TOP-RANKED HEALTH SYSTEMS



// CONTACT US

BAYLOR GENETICS

www.baylorgenetics.com // 1-800-411-4363 // help@baylorgenetics.com