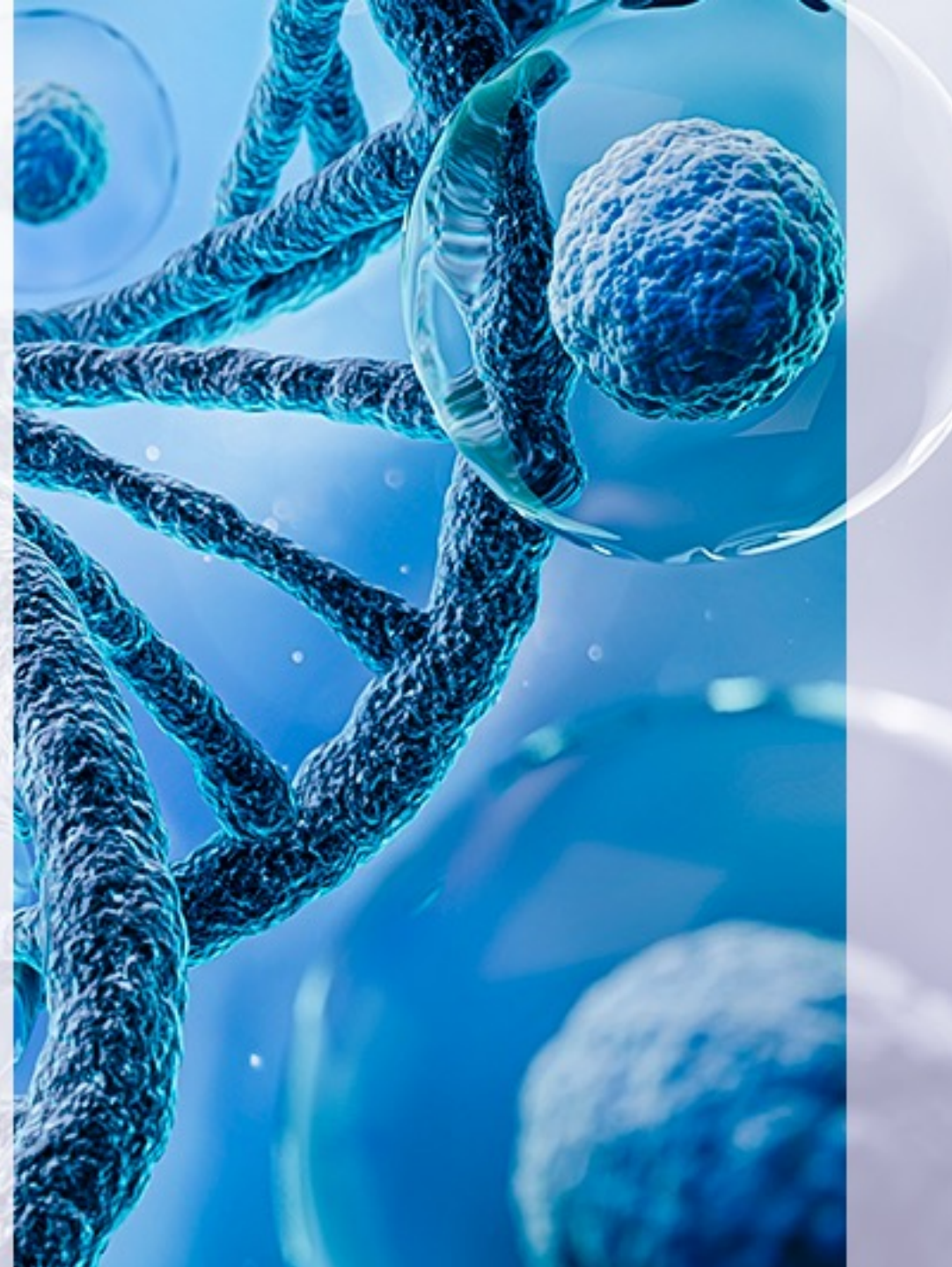


BAYLOR
GENETICS

INTRODUCTION TO 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 diagnostics, 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

2023 Gold Merit Award in
Healthcare Research



300+
Employees



3000+
Customizable
Test Menu



250+
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

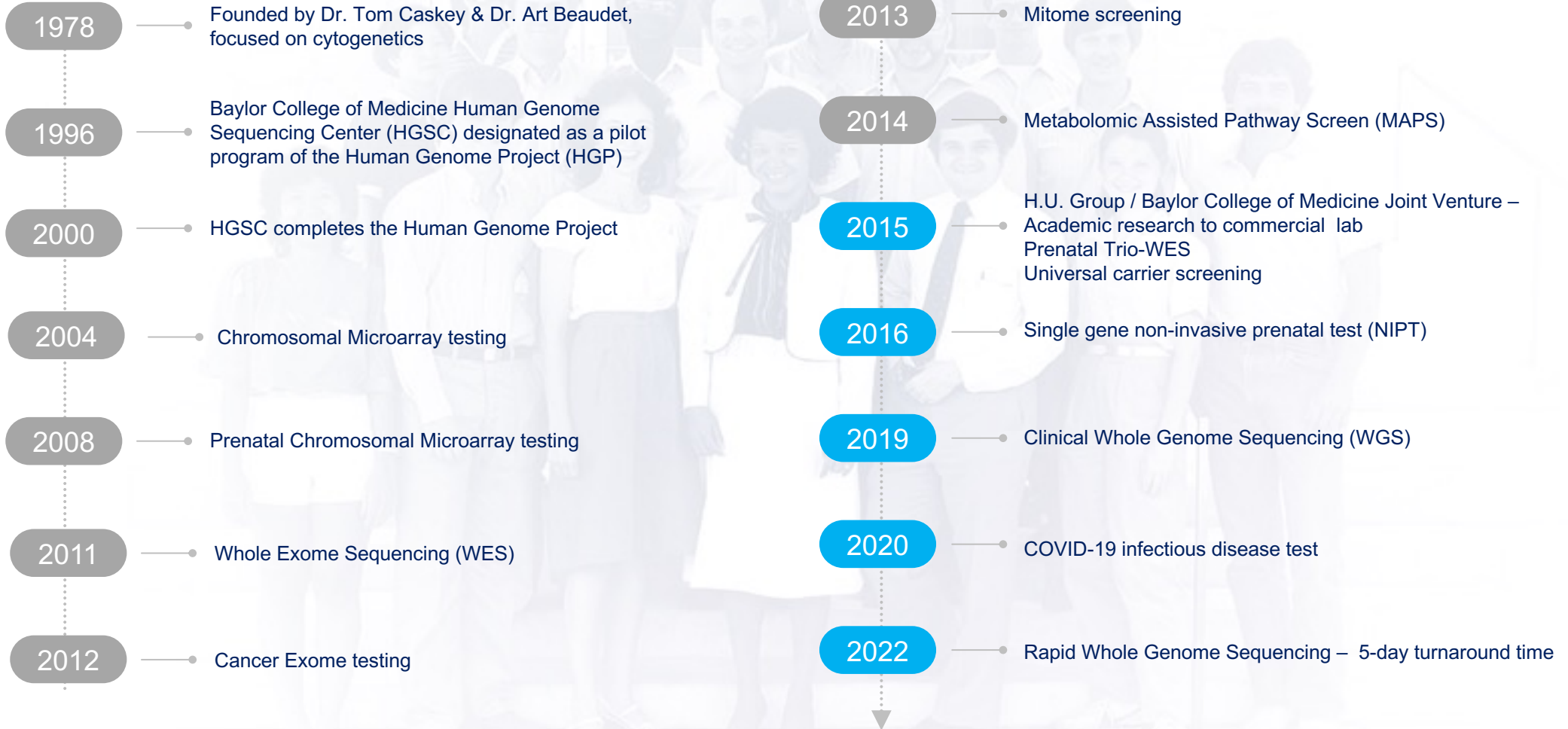


National &
Global Reach

50 states – 16 Countries

// TRACK RECORD OF INNOVATION

SCIENTIFIC AND CLINICAL IMPACT



// PROVEN LEADERSHIP TEAM

DECADES OF EXPERTISE IN HEALTH AND TECH

MANAGEMENT TEAM



Kengo Takishima

President & Chief Executive Officer



Gina Anderson

SVP, Commercial Operations



Christine Eng, MD

Chief Medical Officer & Chief Quality Officer



Ji He, PhD

SVP, Genomic Technology



Sidney Leake

SVP, Enterprise Transformation & Technology



Li Shen

Chief Accounting Officer



Suzanne Speak

VP, Human Resources



Fan Xia, PhD

SVP, Clinical Genomics

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

- 25+ ABMGG-certified PhD or MD lab directors, scientists and CGC genetic counselors

TECHNOLOGY AND BUSINESS

- Broad experience at enterprises including GE, GeneDx, Invitae, MD Anderson, Myriad Genetics, Pfizer, and Roche
- Recognized on association boards, fellowships, 2023 top healthcare leader lists and merit awards

DOMAIN EXPERTISE

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

// SERVING PATIENT AND PROVIDER NEEDS



430,000+

Individuals
planning a family



60,000+

Pregnant women
seeking diagnoses



57,000+

Newborn babies



200,000+

Children



250,000+

People at risk for
cancer

Patients
~ to date

Healthcare
Providers

Genetic Counselors

OB/GYNs

Critical care

Pediatricians

Oncologists

Medical
Conditions

Reproductive Health

Prenatal

Rare Diseases

Developmental
Delays

Inherited
Mutations

Tests

Carrier screening

Non-invasive
prenatal testing

Whole Genome / Exome Sequencing

Hereditary cancer

// 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



THE MEDICAL GENOME
INITIATIVE 



PreNatalSeq

Peer Reviewed Publications and Presentations

- 250+ research studies and presentations
- 8 scientific studies¹ in major medical journals
- 13+ abstracts at top 2023 industry conferences
 - Reviewer's Choice for WGS dual diagnosis at ASHG
- Data sharing with ClinVar



// CUSTOMER-CENTRIC SERVICE MODEL

SEAMLESS ORDERING



- Enhanced online portal for provider ordering
- Prior auth & consent
- Instant OOP quotes
- EMR integrations
- Bidirectional chat

FLEXIBLE SAMPLE TYPES



- Blood
- Extracted DNA
- Cultured cell
- Self-collection
 - Saliva / Buccal swab
- Tracking & reporting

CLINICAL SUPPORT



- Genetic Counseling resources
- Case conferences, grand rounds
- Dedicated customer service & support tools

EXPANDED COVERAGE



- 34 US health plans – 55% of population, 7.8M new covered lives in 2023
- Direct contracts with top 5 national payors



STREAMLINED BILLING



- Financial assistance
- Flexible payment options for outpatient clients
- Institutional billing with Lab Services Agreements

Simplifying the customer journey



// 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