
Built for unstoppable science.
USA SCIENTIFIC
Level up and lock in.
In my lab, accuracy is everything. The stakes are high, and high stakes require high standards. That's why I depend on TipOne®. Molded with tolerances tighter than those used in aerospace, produced through a high-precision injection process, and subject to rigorous quality control, TipOne® tips provide trusted precision. I have zero room for error. I'm built for unstoppable science. Superior performance starts with your tools.
Learn more about TipOne® pipette tips at www.usascientific.com/unstoppable

CELLECTA

Finding the genes that matter. Your new superpower.

CELLECTA

YOUR INPUT

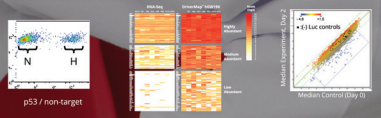
Cell or Animal Models
Biological Samples

YOUR BRIDGE TO DISCOVERY

- **CRISPR / RNAi** Libraries & Genetic Screens
- **DriverMap™** Targeted RNA-Seq Expression
- **DriverMap™** Adaptive Immune Receptor Profiling
- **CloneTracker™** Barcode Libraries

YOUR RESULTS

Functionally Important Genes & Biomarkers



Real expertise delivering superpowered results. Visit cellecta.com today.

Who we are

Cellecta is a leading provider of genomic products and services. Our functional genomics portfolio includes gene knockout and knockdown screens, custom and off-the-shelf CRISPR, RNAi & barcode libraries, construct services, cell engineering, and other assays for transcriptome profiling and adaptive immune receptor profiling.

We can power your discovery.

www.cellecta.com info@cellecta.com +1 877-938-3910 or +1 650-938-3910

CELLECTA

Genes & Development

Scope

Genes & Development is a leading, not-for-profit, scientific journal, publishing high-quality research that spans broad interests and constitutes significant biological advances in the areas of molecular biology, molecular genetics, cancer biology, aging, developmental biology, neuroscience, microbiology, and related fields. ***Genes & Development*** publishes full-length Research Papers, short Research Communications, novel Resources and Methodologies, comprehensive Reviews, and thought-provoking Outlook articles and Perspectives.

Quality and Impact

- One of the Top Ten Research Journals in the field of Molecular Biology and Genetics. Ranked #2 among Developmental Biology research journals, #10 in Genetics and Heredity, and among the Top 35 in Cell Biology (ISI Journal Citation Reports®, 2024).
- A dedicated, in-house editorial team streamlines each step of the publishing experience, providing fast turnarounds for decisions and peer review.
- Articles published in *G&D* receive 64% more citations compared to other journals, and are recognized as five times more influential than the average in the field (as measured by Clarivate's Journal Citation Indicator Score and Article Influence Score, 2024).
- Globally renowned scientists with field-specific insight provide rigorous and expert peer review to ensure our published articles receive maximum scientific support and impact.
- Submissions considered with external review reports obtained from other journals or Review Commons.

General areas of interest include

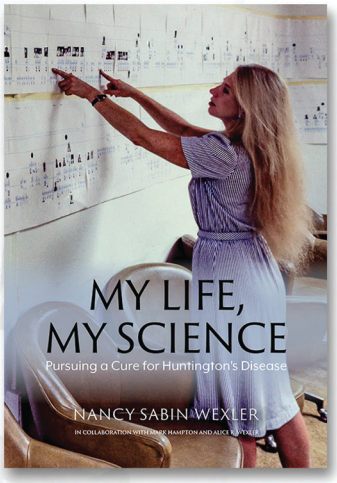
- Molecular Biology
- Cancer and Disease Models
- Stem Cells
- Metabolism
- Aging
- Chromatin and Epigenetics
- Cell Biology
- Neurobiology
- Structural Biology
- Plant Biology
- Developmental Biology
- Genomics
- Bacteriology
- Virology
- Molecular Physiology

CSH PRESS

Visit **www.genesdev.org** for more information about the journal, or email genesdev@cshl.edu to inquire about submitting your new research to ***Genes & Development.***

MY LIFE, MY SCIENCE

Pursuing a Cure for Huntington's Disease



By Nancy Sabin Wexler, *in collaboration with Mark Hampton and Alice R. Wexler*

When Nancy Wexler was 23, her father revealed that the mysterious illness inexorably diminishing her mother had a name: Huntington's Disease, a fatal, hereditary, neurodegenerative disorder. Newly aware she had a 50–50 chance of developing the same condition, Wexler could have retreated. Instead, she immersed herself in what has become a lifetime's pursuit of the causes of the disease and a cure. She pioneered groundbreaking fieldwork that enabled the identification of the responsible gene. She took charge of what is now the Huntington's Disease Foundation and made it a force to be reckoned with. And when the human genome became a focus of scientific study, she was an eloquent voice for patients in disease gene research and insistent advocate for ethical use of genome sequence information.

Now living with Huntington's disease, Nancy Wexler has drawn on decades of diaries, research notes, and vivid memories to tell the powerful story of her remarkable life with warmth, wit, and unsparing honesty. She takes us from a privileged but shadowed California childhood to the shores of Venezuela's Lake Maracaibo, where she and colleagues collaborated with community members to create a massive pedigree of families with Huntington's and collect precious blood samples and clinical information. She introduces us to the innovative consortium of research laboratories where those samples revealed the malevolent gene, leads us into the halls of Congress where she pressed legislators for resources, and invites us into boardrooms where philanthropists were persuaded into action. In this book, Wexler tells a unique story about the intertwining of personal stakes and professional passions, a testament to her courage, persistence, and belief that science can change destinies—one life, one family, one gene at a time.

2026, 177 pages, illustrated (38 color and 20 B&W)
Paperback **ISBN 978-1-621825-45-6**

Contents

CSH PRESS

LEXOGEN
The RNA Experts

lexogen.com

Lexogen NGS Services

First-class NGS solutions tailor-made to your needs

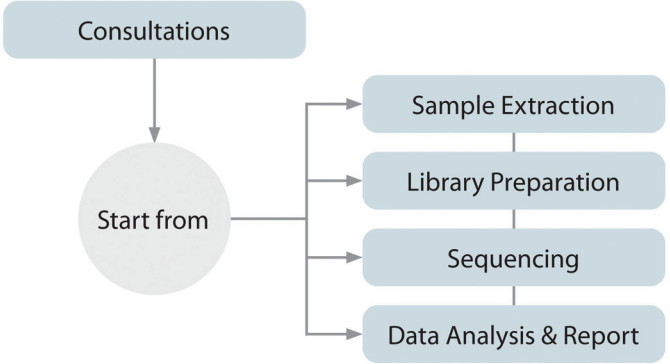
Lexogen NGS Services offers both standard and custom next-generation sequencing services, including a variety of RNA-Seq solutions and DNA-Seq. We also provide Bioinformatics Custom Service, where state-of-the-art bioinformatics is combined with a client-driven approach, all tailored to your needs. To deliver you the best results possible, our services, R&D, and bioinformatics teams work together to adapt our workflows and address your wildest research questions. Let our NGS experts turn your idea into reality!

NGS Services Packages

Each project starts with a consultation, where we agree on the details of the project and if needed give you advice on how to proceed based on your research questions.

We offer following standard packages:

- Start from Extraction
- Start from Library Prep
- Sequencing only
- Data Analysis only



Highlights of Lexogen NGS Services

- ✓ Shipment Support
- ✓ Various applications, including gene expression profiling, whole transcriptome sequencing, small RNA-Seq, ultra-low RNA-Seq, single-cell RNA-Seq, and DNA-Seq
- ✓ Expertise in handling challenging samples, like FFPE curls, biobank samples, laser microdissections, needle biopsies, etc.
- ✓ Quality Control (QC) at multiple steps along the workflow
- ✓ Spike-in RNA controls to monitor and evaluate RNA-Seq experiments and data quality (optional)
- ✓ Highest standards of data protection

Curious about what we offer?

Try NGS Services configurator!
www.lexogen.com/services/configurator