

EXPRESSIONS

A scientific update



Issue I • 2024

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Celebrating 50 YEARS of Passion for Science

Since our establishment in 1974, New England Biolabs has been different. From our founding principles – placing the advancement of science and stewardship of the environment as our highest priorities – to our unique corporate culture, NEB's philosophy can be distilled down to three core values: passion, humility, and being genuine. As we reflect on the last 50 years and look toward the future, we remain steadfast in our commitment to uphold the principles that inspired our inception, which guided us through expansion, innovation, and global growth, all while empowering the creative spirit of scientific inquiry.

The early years and founding vision

In 1972, a scientist named Don Comb left his associate professorship in the Biochemistry Department at Harvard Medical School – disenthralled with the traditional avenues of securing research funding and the rigidity of academia. Don had a penchant for asking big questions. He left academia with the goal of bringing together like-minded scientists to form a cooperative company that would provide essential tools for molecular biologists. Further, the company would use its revenue to fund independent research projects, an idea that was unprecedented at the time. And thus, in 1974 Biolabs was founded – soon to be known as New England Biolabs (NEB) – with the goal of enabling life science research, both within and outside the company.

In the early days, NEB focused on providing high-quality restriction enzymes. In 1972, Richard Roberts of Cold Spring Harbor purified some of the first restriction enzymes. In 1975, he became the Scientific Advisor for NEB – suggesting enzymes for manufacturing and then testing the first lots for quality. NEB became the first commercial source for restriction enzymes, which quickly emerged as a critical component in the recombinant DNA revolution. Don's approach was deeply rooted in principles that prioritized product performance and innovation. However, his vision extended beyond mere business success; he was determined to channel profits into research on neglected tropical diseases, an area often overlooked by mainstream funding. His provocative curiosity,

boundless enthusiasm, and staunch commitment to environmental conservation have left an indelible mark, inspiring many who worked with him and for him. Don's unconventional yet highly effective approach to running a company put people and passion for science at the forefront, sidelining traditional priorities of process and profit. His ethos was characterized by providing high-quality reagents at fair prices, the seamless integration of basic and applied research, and a strong emphasis on protecting the planet while advancing scientific endeavors.

Don hired scientists who were passionate and curious. He encouraged them to explore their own research interests while carrying out their job responsibilities. In doing so, NEB became experts in the functionality and biophysical properties of a wide range of enzyme activities, resulting in an in-depth understanding of product performance. This enabled the collegial exchange of ideas, protocols and techniques with customers – the beginning of a more personal approach to technical support that continues to this day.

Don Comb served as CEO until 2005, and his devotion to the advancement of science, stewardship of the environment, and altruistic philanthropy continues to be a priority today. Our employees are encouraged to pursue their passions, whether it be getting involved in groundbreaking research, helping out at a local science fair, or sharing ideas to improve the sustainability of our business practices – everyone feels a responsibility to each other and the community.

“Don's generosity and the faith that he had in each employee resulted in a family-like culture, where everyone has a voice and all employees feel valued.”

– Jim Ellard, former CEO, New England Biolabs

Expansion and innovation lay the groundwork for growth

While NEB was founded on a portfolio of restriction endonucleases, in-house research led to extensive insights into enzyme functionality. A notable milestone was the use of recombinant DNA technology to clone and express enzymes in *E. coli*. This breakthrough improved enzyme quality and yield, the latter prompting Don to reassess product pricing to ensure affordability for all researchers, once again reflecting his commitment to facilitating research.

Our dedication to research, rooted in our "by scientists for scientists" philosophy, not only drives the development of new products, but



© Robert Benson Photography

also uniquely positions us as both developers and users of our products. This is critical for staying connected to our customers and helping to drive scientific breakthroughs. Over the years, NEB scientists have discovered a wide range of enzyme specificities that act on both DNA and RNA. We have also extended our product offerings into areas related to PCR, gene expression, sample preparation for next generation sequencing, synthetic biology and RNA analysis. This expansion reflects our commitment to innovation and is a response to the diverse needs of the scientific community.

Empowering creativity in scientific inquiry

As has already been stated, Don Comb founded the company with the vision of using profits to fund a basic research program – a philosophy that continues to this day. Currently, scientists comprise 25% of our organization. There are ~30 research labs at our campuses in MA, USA, engaged in basic and applied research across various scientific disciplines. Our research divisions encompass RNA, Biochemistry and Molecular Biology, Molecular Genetics and Genomics, and Applied Molecular Biology. Here, we provide an environment where researchers can pursue their own ideas and actively collaborate with other scientists in academia and industry.

Our Applications & Product Development scientists are grouped into 10 teams – five that align with our product portfolio (Cloning and Nucleic Acid Purification, DNA Amplification, Next Generation Sequencing, RNA & Genome Editing, and Protein Expression), and then an additional five that are focused on foundational activities that benefit scientists across the organization. These teams are involved in Assay Development, Custom Product Development, Bioinformatics, Lyophilization Sciences, and Organic Synthesis.

“You never know which scientist is going to make a discovery. You never know which enzyme will be part of a new technology. So we allow scientists to take those opportunities to develop and advance into areas we’ve never dreamt about.”

– Andy Bertera, Executive Director of Marketing and Sales, New England Biolabs

In the early days, Don traveled extensively and saw firsthand the suffering caused by various neglected tropical diseases (NTDs) – a term given to 17 understudied diseases that are collectively the second leading cause of disability worldwide after mental health issues. Don used what he knew best – science – to help make a difference. He established the NEB parasitology research program almost 45 years ago, and this work continues to forge new ground in an otherwise overlooked health crisis.

Our scientists are passionate about sharing their findings through publications, web tools and innovative products. To date, our scientists have authored or co-authored over 1,490 publications, and often present their findings at conferences and events worldwide.

Setting the standard for environmental stewardship

Don Comb incorporated his passion for the environment into his personal life and professional role at NEB. His commitment to environmental sustainability was evident in selecting the location of NEB's headquarters in Ipswich, MA, which emphasized minimal ecological impact. The sprawling 160-acre campus blends mixed forest, wetlands, and agricultural land; it offers public hiking trails, and provides a diverse wildlife habitat.



NEB's unique wastewater treatment facility treats the campus' wastewater for groundwater recharge.

In 2003, after acquiring the property, an architectural competition was held to design a new 140,000-square-foot state-of-the-art laboratory facility. A unique stipulation was the preservation of three Copper Beech trees, demonstrating our commitment to integrating nature with development. This led to innovative solutions like underground retaining walls to protect the trees' root systems and prevent soil compaction during construction.

The main laboratory facility is LEED® (Leadership in Energy and Environmental Design) and ISO 14001 certified, which dictates a framework of strict, environmentally-sound regulations. Additionally, NEB's campus hosts a unique Solar Aquatics Wastewater System®, which mimics natural processes found in streams and wetlands to treat the campus' wastewater, ensuring the water discharged is cleaner than when it was sourced.

Don's vision for environmental stewardship led NEB to become a pioneer in eco-friendly practices within the biotechnology industry, setting a precedent for others. As NEB continues to grow, it remains committed to decisions that protect the environment, underscoring the importance of corporate responsibility in preserving the planet for future generations.

Establishing a worldwide presence

Over five decades, NEB has expanded our global footprint with wholly-owned subsidiaries in countries that include Australia, Canada, China, France, Germany, Japan, New Zealand, Singapore, South Korea, and the UK. This enables us to provide rapid product delivery and direct, in-time-zone support. Each subsidiary is more than a distribution hub, it's a center of technical expertise. Our focus on hiring and extensively training highly qualified teams ensures that we're not just distributing products, but also providing valuable expertise and knowledge locally. This extensive distribution



NEB Headquarters in Ipswich, MA, is LEED-certified and designed with sustainability in mind.

network supports our goals of being closer to our customers, understanding their needs, and delivering unparalleled value and support.

Supporting customers developing diagnostics and therapeutics: GMP-grade* and lyophilization capabilities

NEB has enjoyed decades-long sustainable growth by meeting the research community's needs with our commitment to research, comprehensive technical support, and a growing portfolio of cutting-edge life science reagents. In 2018, not far from our main campus in Ipswich, MA, NEB opened a state-of-the-art 43,000 sq. ft. production facility to manufacture GMP-grade materials. Products manufactured in this facility comply with the ISO 13485:2016 Quality Management Standards, addressing bioburden and endotoxin specifications on products, certified animal-free origin and manufacturing process, qualified equipment, utilities and QC test methods. This controlled manufacturing process allows us to support customers requiring a higher level of quality. It also enabled us to scale our production during the COVID-19 pandemic to meet the needs of customers developing diagnostic assays and vaccine developers.

Our response to the COVID-19 pandemic was multifaceted. Firstly, to protect our employees, our scientists were called to action and developed a saliva-based, 30-minute, colorimetric isothermal amplification-based COVID-19 assay. Also, as SARS-CoV-2 variants arose, we realized the impact this may have on amplification-based assays. To address this, our bioinformatics and bench scientists developed an open-access web tool for monitoring variants and their impact on primer design.

Meanwhile, our support for customers developing essential reagents for molecular diagnostic assays and mRNA vaccines became more apparent. To further strengthen our capabilities, we acquired Fluorogenics (now New England Biolabs Lyophilization Sciences™), a company with expertise in lyophilization. By integrating their lyophilization capabilities with our own expertise in enzyme manufacturing and assay development, we further solidified our ability to provide customized solutions to meet the growing global demand for diagnostic assays. This commitment is especially crucial in environments where traditional diagnostic facilities may be unavailable, emphasizing the need for simplified, robust, and stable assays that can make a real difference.

“Even as we have matured as an organization, we’ve purposefully maintained the ability to pivot and be flexible as we handle and support not just customers who are super small and nimble, but also those who are large and extremely sophisticated.”

— Nicole Nichols, Executive Director
Applications & Product Development,
New England Biolabs

Sustaining our core values throughout global growth and a changing of the guard

In 2005, Don retired as CEO but remained active in his research. He was succeeded by Jim Ellard, who had joined the company in 1983 as a summer intern. During Jim's 17-year period as CEO, NEB experienced

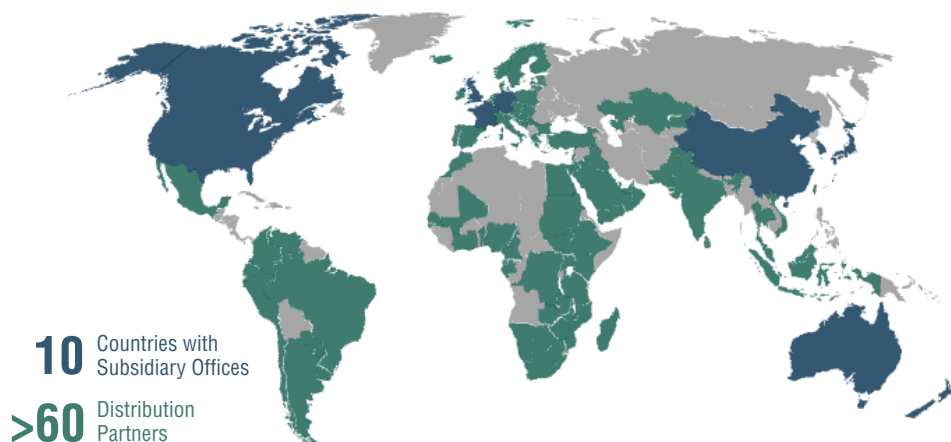
substantial growth, expanding into new markets and establishing a significant global presence. This period saw the establishment of several global subsidiaries and distributors, the launch of the GMP-grade manufacturing facility, and the expansion of NEB's product portfolio and technical capabilities to support a wide variety of applications that impact human health. Jim's tenure, marked by strategic expansion and adept navigation through the challenges of the pandemic, was instrumental in shaping the company's global stature.

In 2022, Jim transitioned the company's leadership to Sal Russello, a seasoned member of the NEB community – with 16 years at the company and a 5-year tenure as Director of the OEM and Customized Solutions Department. Sal, recognized for his passion and dedication akin to Jim's, places significant emphasis on fostering meaningful connections and teamwork, aligning with NEB's core values. His dynamic approach focuses on building trust and collaborative relationships both within the organization and with our customers.

Under Sal's leadership, NEB is charting a course that not only continues to inspire and support scientific innovation but also prioritizes sustainability and community engagement at both local and global levels. We are excited to support both academic and industry researchers with innovative new products, and by bolstering our support for customers developing therapeutics and diagnostic assays. This strategy includes expanding the company's global footprint and our ability to scale manufacturing to meet our customers' needs – all while steadfastly adhering to our foundational values that were instilled by Don Comb.

“NEB’s goal is to continue to build a sustainable business focused on enabling the scientific community, fostering curiosity, and giving back – to those closest to us and the world around us.”

— Sal Russello, CEO, New England Biolabs



NEB's global distribution network ensures rapid access to NEB's products as well as valuable expertise and knowledge

*GMP-grade" is a branding term NEB uses to describe products manufactured or finished at NEB's Rowley facility. The Rowley facility was designed to manufacture products under more rigorous infrastructure and process controls to achieve more stringent product specifications and customer requirements. Products manufactured at NEB's Rowley facility are manufactured in compliance with ISO 9001 and ISO 13485 quality management system standards. However, at this time, NEB does not manufacture or sell products known as Active Pharmaceutical Ingredients (APIs), nor does NEB manufacture its products in compliance with all of the Current Good Manufacturing Practice regulations.

Celebrating 50 Years of Passion for Science

Throughout the year, we will be hosting a series of events to celebrate our customers.

To learn more, visit neb.com/NEBturns50

WHERE IN THE *world* IS NEB?

We are setting out on a 50-stop world tour and want you to join us!

Visit our scientists and staff at our booths, tabletops and events to learn about new products, pick up samples and literature, and provide your feedback on how we are doing. We are looking forward to seeing you!

Featured locations include:

**MAR
13**

**Industrial Biotechnology Innovation
Centre Annual Conference**
Glasgow, UK | March 13-14

**MAR
15**

21st CACLP EXPO
Chongqing, China | March 15-18

**MAR
19**

Advanced Therapies Congress
London, UK | March 19-20

**MAR
21**

**10th Immunotherapy of Cancer
Conference (ITOC 10)**
Munich, Germany | March 21-23

**MAR
22**

**Australasian Society of
Diagnostic Genomics**
Queenstown, New Zealand | March 22-24

**MAR
25**

**33rd Annual Meeting of the
Society for Virology**
Vienna, Austria | March 25-28

**MAR
27**

Forum Labo Lyon
Lyon, France | March 27-28

**APR
8**

**Microbiology Society Annual
Conference**
Edinburgh, UK | April 8-11

**APR
9**

Analytica
Munich, Germany | April 9-12

**APR
15**

**BSBD/Genetics Society Spring
Meeting**
Warwick, UK | April 15-18

NEW ENGLAND BIOLABS

50
STOP

*World
Tour*
2024



Visit neb.com/worldtour to find out
where we will be throughout 2024.

COMING
SOON!

Find a Golden Butterfly, Unlock a World of Prizes!

In celebration of our Golden Anniversary, we're thrilled to introduce the Golden Butterfly Promotion. This is your chance to be part of a unique and exciting adventure! We have hidden 1,000 golden butterflies and are waiting for you to find them!

HOW IT WORKS:

Beginning mid-April, find a golden butterfly on our website, on product samples, or at tradeshows and events.

Spot a Golden Butterfly? Click or scan the QR Code to be eligible for a 50th anniversary prize pack, and be entered into our grand prize drawing.

PRIZE DRAWING INCLUDES:

Grand Prize: Win an exclusive trip to NEB, immersing yourself in the heart of scientific innovation.

Art Enthusiasts' Delight: Own a piece of elegance with Michael Updike's exquisite slate artwork.

Terms and conditions apply.

For the Toy Aficionado: Get creative with our lab-based brick building sets – perfect for the young at heart.

Wildlife Supporters: Embrace a cuddly stuffed polar bear, and we will support the WWF®.

Lab Essentials: Upgrade your lab with our custom lab gear which includes lab coats, coolers for product transport, and microfuge racks.

Charity Option: Choose a donation to the charity of your choice as an alternative prize if you cannot accept gifts.

JOIN THE CELEBRATION!

This is more than a promotion – it's a token of our gratitude for your trust and partnership over the last 50 years. Every Golden Butterfly you find brings a chance to win something special, just like the work you do every day.

Visit neb.com/goldenbutterfly for more details.

Let the
search begin!



Streamlined for speed.

NEBNext UltraExpress™ DNA, FS DNA and RNA Library Prep Kits

Sometimes speed is required to set you apart from the pack. The NEBNext UltraExpress DNA, FS DNA and RNA Library Prep Kits have been carefully optimized for speed, while providing the high yields and high quality that you've come to rely on. Each kit has a single-condition protocol, with fixed universal adaptor concentration and number of PCR cycles, for the ultimate in streamlining. With fewer workflow and cleanup steps and automation-friendly transfer volumes, the kits were built for ease of use and automation compatibility. And, they do this all while reducing consumables waste, making your discoveries at the bench greener.

Let NEBNext UltraExpress speed up your library prep with:

- Faster workflows
 - DNA and FS DNA library prep: < 2 hours
 - RNA library prep: 3 hours (or a single-day workflow when including poly(A) enrichment or rRNA depletion)
- Fewer steps & less consumables waste
- Wide input range
 - DNA: 10 – 200 ng DNA (mechanically sheared)
 - FS DNA: 10 – 200 ng DNA (intact)
 - RNA: 25 – 250 ng total RNA
- A single protocol for all inputs
- Automation compatibility

“*Protocols designed to save time usually only save 20-30 minutes. The NEBNext UltraExpress RNA Library Prep protocol saved us just over an hour in processing time. This is quite significant. We were especially impressed with the new clean-up approach that resulted in squeaky clean libraries.*”

For more information, visit [NEBNext.com](https://www.neb.com)

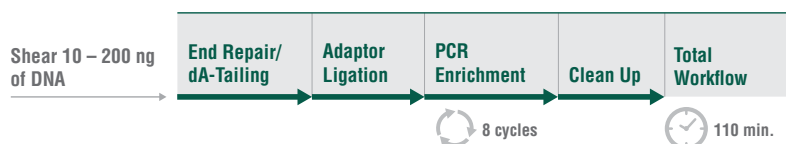
~ Director, Large Sequencing Core



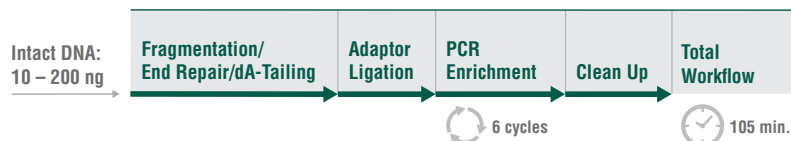
NEBNext UltraExpress workflows

Save time, have fewer steps and reduce consumables waste.

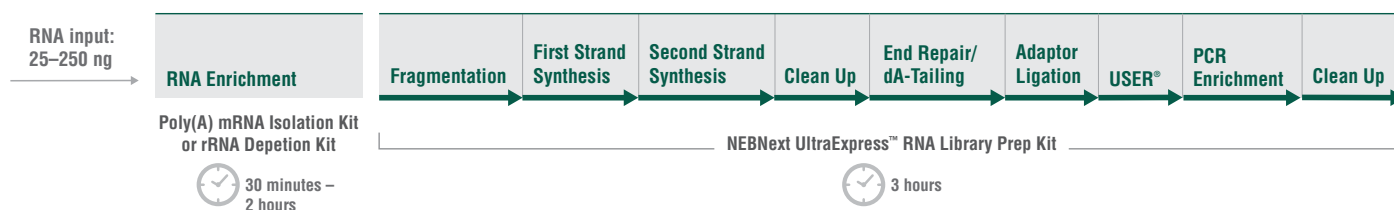
DNA



FS DNA



RNA



In addition to NEB's 50th anniversary,
we're also celebrating
15 years of NEBNext!



Need help with product selection?

If you need assistance navigating the ever-growing NEBNext product line, NEBNext Selector tool can help guide your product selection.

Visit nebnextselector.neb.com

Ordering Information

PRODUCT	NEB #	SIZE
NEBNext UltraExpress DNA Library Prep	E3325S/L	24/96 rxns
NEBNext UltraExpress FS DNA Library Prep	E3340S/L	24/96 rxns
NEBNext UltraExpress RNA Library Prep	E3330S/L	24/96 rxns



Monarch® Nucleic Acid Purification

Make the better choice and migrate to Monarch

Monarch Nucleic Acid Purification Kits are the perfect complement to many molecular biology workflows. Recover pure, intact DNA and RNA in minutes with our fast, user-friendly protocols and optimized buffer systems, and focus your time on the experiments that will drive your research forward. Isolate nucleic acids from biological samples, clean up DNA and RNA from enzymatic reactions, extract DNA fragments from gels, or purify plasmids.

Monarch kits are all designed with sustainability in mind; whenever possible, kits and components are made with significantly less plastic and are packaged with responsibly sourced, recyclable packaging. Furthermore, plastic recovered during the manufacture of Monarch columns is used to manufacture other plastic-based NEB products.

Featured Product: Monarch RNA Cleanup Kits

The Monarch RNA Cleanup Kits provide a fast and simple silica spin column-based solution for RNA cleanup and concentration after any enzymatic reaction (including *in vitro* transcription, DNase I treatment, capping and labeling) and after other purification methods such as phenol/chloroform extraction. The Monarch RNA Cleanup Kits are available in 3 different binding capacities: 10 µg (NEB #T2030), 50 µg (NEB #T2040) and 500 µg (NEB #T2050). Each kit contains unique columns, all designed to prevent buffer retention and ensure no carryover of contaminants, enabling low-volume elution of highly-pure RNA.

The Monarch RNA Cleanup Kit (500 µg) is suitable for cleaning up large quantities (> 250 µg) of RNA from *in vitro* transcription reactions

Designed with sustainability in mind



No excessive packaging



Reduced lab waste



Flexible purchasing options

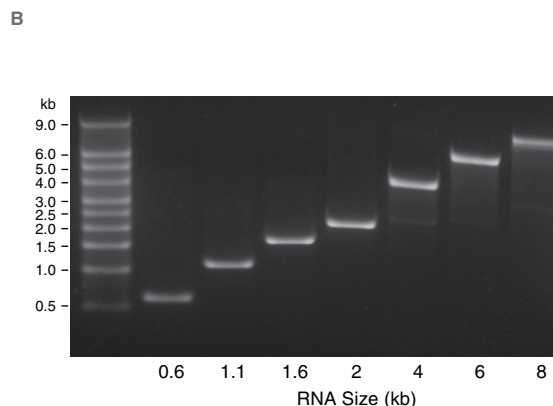
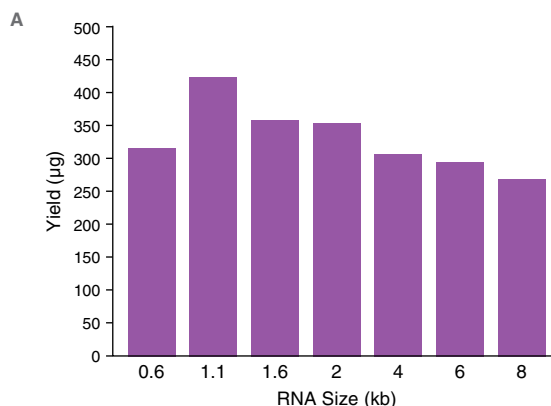


Sustainable & recyclable packaging

Ordering Information

PRODUCT	NEB #	SIZE
Monarch® RNA Cleanup Kit (10 µg)	T2030	24/96 rxns
Monarch® RNA Cleanup Kit (50 µg)	T2040	24/96 rxns
Monarch® RNA Cleanup Kit (500 µg)	T2050	24/96 rxns

For more information on Monarch kits, visit [nebmonarch.com](https://www.nebmonarch.com)



A. RNA transcripts of varying sizes (0.6–8 kb) were synthesized using the HiScribe® T7 Quick High Yield RNA Synthesis Kit (NEB #E2050). 40 µl of each *in vitro* transcription (IVT) reaction was cleaned up using the Monarch RNA Cleanup Kit (500 µg) (NEB #T2050). RNA yields were calculated from the resulting A260, measured using a Nanodrop® spectrophotometer and ranged from 268–425 µg of RNA per IVT reaction. B. RNA integrity (200 ng/lane) was assessed on a 1% agarose-TBE gel stained with SYBR® Gold.

50 YEARS of Social Responsibility & Sustainability

At NEB, we are motivated by a set of core, foundational values that are as true today as they were when the company was founded in 1974:

- Science should be used to expand our understanding of the world around us
- Scientists can also act as humanitarians
- All species, great and small, benefit when we care for the environment
- Great science is fundamentally creative and artistic, and changes the way we see and experience the world

While passion for science helps us to drive discovery, we continue to be guided by our responsibility to each other and our community, both locally and globally, to work towards a more just world. As such, our offices in the US and around the world are committed to the same core values and sustainability practices.



To learn more, visit
neb.com/about-neb/corporate-social-responsibility-and-sustainability



First New England Biolabs catalog printed on 100% recycled paper
est. 1975

US Styrofoam recycling program begins
est. 1976



New England Biolabs Foundation
est. 1982

Plastic and can recycling begins
est. 1989



Polystyrene, paper, glass, batteries & electronics recycling
est. 1992



Wastewater treatment facility
est. 2004



LEED® certification
est. 2007



Composting on NEB campus begins
est. 2008



ISO 14001 Certification, MA "Green Binnie" and Sustainable Design Award
est. 2009



First carbon-neutral catalog in the US
est. 2015



Monarch® kits released
est. 2016



Solar panels help power our main US campus
est. 2017



Partnership with Reforest the Tropics
est. 2019



100% recyclable cold-chain packaging
est. 2020



B Corp® Certification
est. 2019



DRIVING SUSTAINABILITY FOR 50 YEARS

Coming soon!

2024

Passion in Science Awards®

As NEB prepares to kick off its 2024 Passion in Science Awards, Andy Bertera, NEB's Executive Director of Marketing & Sales, answers some questions about how these awards came about and what they mean to NEB and the scientific community.

Q: Why did NEB decide to launch the Passion in Science Awards?

A: When NEB turned 40, we put a lot of thought into whether this was a milestone that we should celebrate and, if we were to celebrate it, how we could do it in a meaningful way. We wanted to do something that reflected the values that NEB embraces, and that influence how we think and operate. With this in mind, we decided to hold an awards ceremony that celebrated our many customers who share the same values as NEB — people who are working to make the world a better place. This evolved into what we now call the “Passion in Science Awards”, which proved to be an inspiring event for everyone — customers and NEB staff, alike.

Q: How did you decide on the categories for the Passion in Science Awards?

A: The Passion in Science categories reflect NEB's core values: the knowledge that there is overlap between art and science, that we all have a duty to help fellow humans, as well as to care for and protect our environment, and finally to inspire people by making scientific

ideas and concepts accessible to everyone, not just our fellow scientists.

Q: What is the application process like?

A: You can start by visiting our website, NEBPassionInScience.com. From there, customers can apply directly, or nominate a colleague. The application process is relatively straightforward, but does require that the project(s) be explained in some detail. Applications are then reviewed by a panel of NEB scientists. The Winner(s) will be selected on the basis of how well they have impacted and enhanced the value of the category for which they have submitted their Award entry.

Q: What does it mean for NEB and the scientific community to continue to hold the Passion in Science Awards in the future?

A: By celebrating the scientists who embrace the same fundamental principles that guide NEB, we hope to be able to highlight how the research community can make a real difference in the world; differences that go well



beyond their contributions to science — acts of kindness, solving social problems, and reducing our environmental footprint, to name but a few.

Q: What do the winners receive?

A: We invite the winners to our Ipswich, MA, USA campus, where they are involved in two days of presentations and discussions related to their inspiring work. The winners also receive \$1,000 to donate to a charity of their choice. We also try to spread the word about the great work the winners are doing through our website, social media, and our catalog.

Q: How do I nominate someone who has a passion for science?

A: To nominate someone you know who has a passion for science, visit NEBPassionInScience.com. Here, you can also learn more about the four award categories and check out our FAQs for more details.



Applications for the Passion in Science Awards will be accepted **April** through the end of **May**, 2024. Be sure to apply or nominate a colleague!

**PASSION IN
SCIENCE
AWARDS®**



Supporting Advances in Diagnostic and Therapeutic Innovation and Manufacturing

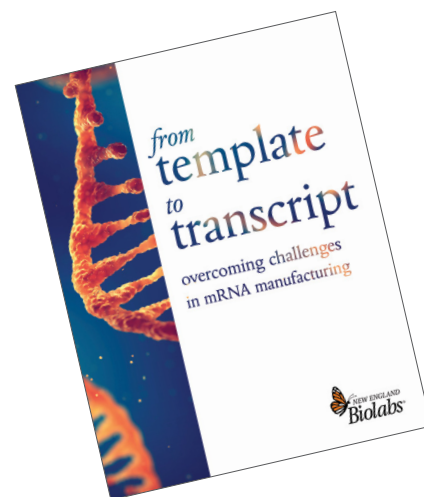
At NEB, we view every challenge as an opportunity. We know you are pushing the boundaries of what is known today to develop innovative solutions for diagnosing and treating disease. Whether you are launching your first product or expanding an existing portfolio, accessing innovative and critical materials at the quality and scale you need is an important step in bringing your assay or treatment to market.

Partner with NEB and gain access to the following:

- 50 years of experience in enzymology and reagent manufacturing
- A collaborative relationship where we take time to understand your goals, anticipate your needs, and continuously innovate products you may need in the future
- The ability to manufacture products at the scale you need (ml to 1000's of L) and in a variety of formats, including glycerol-free, lyophilized and lyo-compatible
- ISO 9001- and 13485-certified manufacturing facilities and global warehousing capabilities
- A purpose-built, 43,000 sq ft. production facility for GMP-grade* enzyme manufacturing
- Direct access to our OEM & Customized Solutions Team who is committed to your growth and success

Visit neb.com/innovation to learn more

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Download our latest eBook to learn how to overcome challenges with mRNA manufacturing



neb.com/forms/ebook-template-to-transcript



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New England Biolabs is an ISO 9001, ISO 14001 and ISO 13485 certified facility.

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Learn molecular biology in just two weeks

Date: July 14 – July 27, 2024

Application deadline: June 14, 2024 (applicants are accepted on a first come, first served basis)

Tuition: \$4,800 per participant for in-person format

Location:
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Northampton, MA

APPLY TODAY!



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