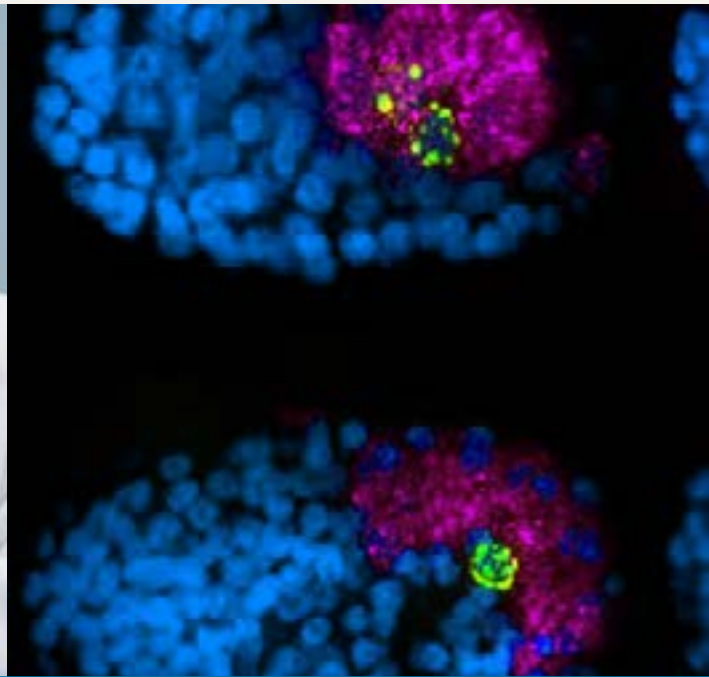


MDI Biological Laboratory

Pioneering new approaches in regenerative medicine



Balancing Science, Education and Biotechnology



FROM THE PRESIDENT

Dear Friends,

My challenge when I assumed the presidency of the MDI Biological Laboratory in 2018 was to chart a new course while maintaining a connection with a scientific history that includes groundbreaking discoveries in fields ranging from oncology to kidney disease.

We are accomplishing this by strengthening the pillars – faculty, visiting scientists, education and biotechnology – that define the institution.

Today, our scientists are identifying the regulatory mechanisms that are critical to regeneration, which may help replace organs like the heart and kidney when they fail. They are also unraveling the secrets of longevity through their research on the cellular and molecular networks that govern aging.

At the same time, we are growing our education program and translating science into cures through biotechnology. This progress is helping us realize our mission of educating the next generation of scientists and transforming medicine through scientific discovery.

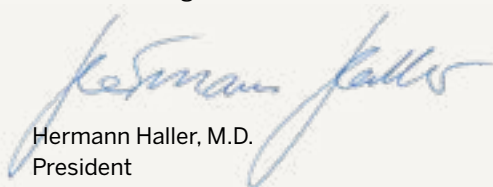
We depend on the support of you, our donors, to advance our mission and thank you for all you have done to help us realize our goals.

The theme uniting these pillars is the sharing of knowledge. While our distinguished legacy, beautiful setting and state-of-the-art facilities all play a role in the discoveries that are being made here, it is the lively and robust exchange of ideas that makes the MDI Biological Laboratory what it is.

Like any structure, the pillars of an institution must rest on a firm foundation. It is loyal supporters like you, who are committed to our vision, who make up the bedrock of that foundation.

We thank you for your generous support and invite you to join us on the exciting journey that lies ahead.

With heartfelt gratitude,



Hermann Haller, M.D.
President

Here are some of our accomplishments in our areas of focus over the past year:

- **Faculty** – Iain A. Drummond, Ph.D., will assume the position of senior scientist in September. He is currently associated with Harvard Medical School, Massachusetts General Hospital and the Harvard Stem Cell Institute. As senior scientist, he will provide the expertise, guidance and inspiration required to build a critical mass of skilled faculty.
- **Visiting scientist program** – The summer visiting scientist program will be reinvigorated with the arrival of 15 investigators, four of whom are members of the federally funded (Re)Building a Kidney (RBK) consortium, whose goal is to develop replacement kidney tissue. As the visiting scientist program grows, we look forward to becoming a center of RBK collaborations.
- **Education** – We will explore a new way of looking at aging with a summer course and follow-up fall symposium focused on the interface between regeneration and aging. In their cutting-edge approach and global appeal, these events will serve as templates for the series of “Acadia conferences” planned for 2020 and beyond.
- **Biotechnology** – We have already made major contributions to the development of a robust science and technology sector in Maine through the establishment of the Maine Center for Biomedical Innovation and our role as an incubator for life sciences startups. Our plan is now to grow our incubator by adding new life sciences companies.

TOGETHER our research and science education programs made a major impact in 2018.

Thank you for being a partner in this critically important work.



557
students



1650
citizen scientists
from
22
countries

\$12.3M
in federal grants
received

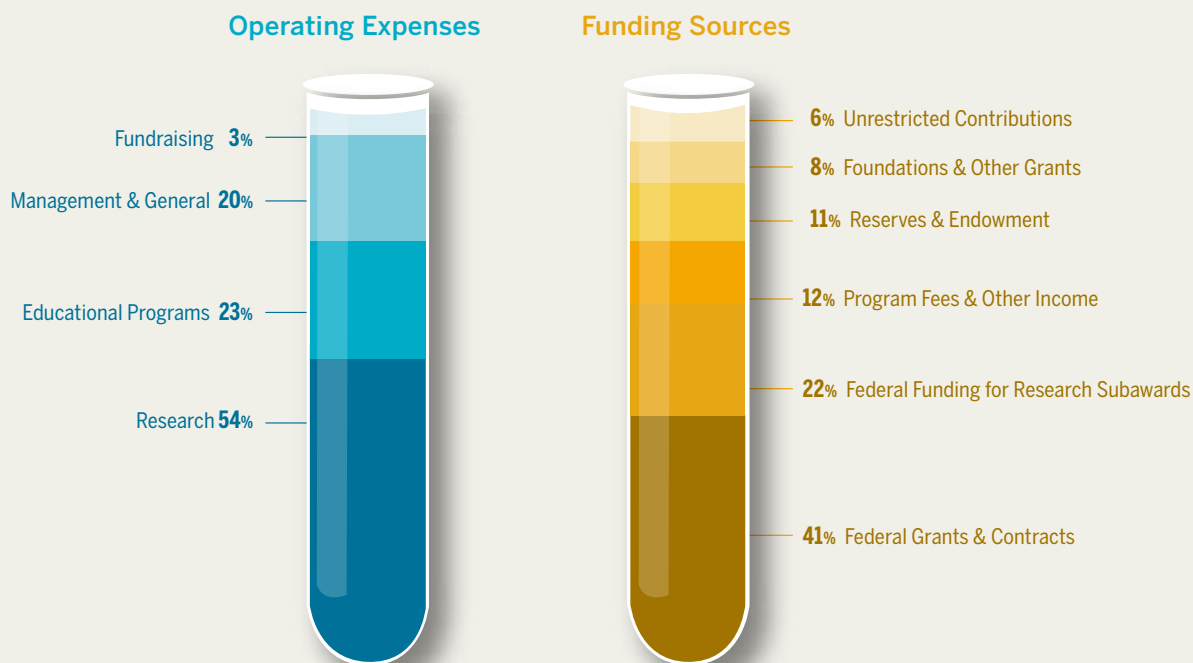


10

faculty members and their research teams engaged in leading-edge regenerative medicine and aging research

2018 OPERATING EXPENSES AND FUNDING SOURCES

(excluding depreciation)



STATEMENT OF FINANCIAL POSITION December 31, 2018

ASSETS

	2018
Cash & Cash Equivalents	3,013,515
Certificates of Deposit	4,832,443
Receivables - Grants & Programs	1,263,202
Receivables - Contributions & Pledges	742,642
Investments	6,573,404
Land, Buildings & Equipment (net)	13,266,957
Total Assets	29,692,163

LIABILITIES & NET ASSETS

	2018
Liabilities	
Accounts Payable & Accrued Expenses	1,218,982
Revenues & Grants Received in Advance	733,089
Charitable Gift Annuities	6,519
Bonds Payable, net issuance costs	3,929,413
Total Liabilities	5,888,003
Net Assets	
Without Donor Restrictions	17,136,496
With Donor Restrictions	6,667,664
Total Net Assets	23,804,160
Total Liabilities & Net Assets	29,692,163

STATEMENT OF ACTIVITIES

December 31, 2018

OPERATING ACTIVITIES

Operating Support & Revenue

	Without Donor Restrictions	With Donor Restrictions	Total
Government Grants & Contracts	7,314,484		7,314,484
Contributions & Private Grants	1,467,715	582,245	2,049,960
Fees for Programs & Services	1,286,008		1,286,008
Investment Return Utilized	214,960		214,960
Interest & Other Income	103,633	7,018	110,651
Assets Released to Support Operations	14,375	(14,375)	0
Total Operating Support & Revenue	10,401,175	574,888	10,976,063

Operating Expenses

Research	6,853,318		6,853,318
Educational Programs	2,977,113		2,977,113
Management & General	2,394,819		2,394,819
Fundraising	404,590		404,590
Total Operating Expenses	12,629,840	0	12,629,840
Change in Net Assets from Operating Activities	(2,228,665)	574,888	(1,653,777)

NON-OPERATING ACTIVITIES

Grants & Contributions for Capital Purposes	59,259	27,000	86,259
Assets Released for Capital Purposes	114,411	(114,411)	0
Gain (Loss) from Disposal of Assets	(35,632)		(35,632)
Investment Return, Net of Amount Used	4,397	(370,617)	(366,220)
Change in Net Assets from Non-Operating Activities	142,435	(458,028)	(315,593)
Total Change in Net Assets	(2,086,230)	116,860	(1,969,370)
Net Assets, Beginning of Year	19,222,726	6,550,804	25,773,530
Net Assets, End of Year	17,136,496	6,667,664	23,804,160

The financial statements of the MDI Biological Laboratory for the fiscal year ending December 31, 2018 were audited by HMV, LLC and are available on our website or upon request. Adjustments were made to adopt FASB accounting standard ASU 2016-14 as required on January 1, 2018, and to better reflect GAAP standards for classification of Board Designated Funds and recording internal service fees.

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The MDI Biological Laboratory is extremely grateful to all of the donors who generously support our work. This list represents contributions made from January 1 to December 31, 2018. Every effort has been made to ensure the accuracy of our list. Our sincere apologies if any omissions or errors have occurred.

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We are discovering new approaches to regenerative medicine by developing drugs that slow age-related degenerative diseases and activate our natural ability to heal. Our unique approach has identified potential therapies that could revolutionize the treatment of heart disease, muscular dystrophy and more. Through the Maine Center for Biomedical Innovation we are preparing students for 21st century careers and equipping entrepreneurs with the knowledge and skills to turn discoveries into applications that improve human health and well-being.

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The MDI Biological Laboratory is an independent, nonprofit biomedical research institution dedicated to improving human health and well-being through basic research, education and ventures that transform discoveries into cures.



Together with you, our valued partners, we are explorers on the most important frontier in the 21st century science: the uncharted territory that lies deep within the cell.

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