



GEORGIA Life Sciences 2023 SUMMIT

Presented by


GEORGIA BIO™

The Life Sciences Partnership

November 1, 2023 | Sandy Springs Performing Arts Center

#GaBioSummit

AGENDA



There is always **more to be done**

Our commitment to improving the lives of people living with severe diseases runs deep. Our work doesn't stop when we close the lab door or analyze the last sample. Always looking for the next discovery, the next innovation — now and into the future.

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Inspired by **patients**.
Driven by **science**.

Welcome to the 2023 Summit

On behalf of the Georgia Bio Board, welcome to the **22nd Annual Georgia Life Sciences Summit**. I would like to be by extending my thanks to the **City of Sandy Springs**, our presenting sponsor, for hosting us today in their Performing Arts Center. This year, leadership is trying something new to allow for more opportunities to network and a stronger showcase of Georgia companies. The event is more intimate and limited to approximately 350 professionals.

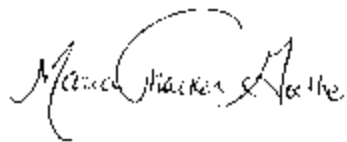
We have an outstanding lineup for you, featuring **expert speakers from industry and academia**, a sold-out exhibit hall, and the rollout of an exciting **new program for our municipality partners** here in Georgia to help them recruit life science companies. We will also announce the **scientific poster award winners** this afternoon.

We are excited to welcome all our plenary speakers, including **Dr. Ted W. Love**, Former President & CEO of Global Blood Therapeutics and the 2023–2025 Board Chair, Biotechnology Innovation Organization. Thank you to our esteemed judges consisting of investors, community partners, and industry leaders who will celebrate promising new companies at the **Company Showcase** where Georgia-based companies who are developing or have life science products will present their technology. Be sure to visit the **Rapid Fire Research Showcase** to see Georgia's best inventive minds.

Join us this evening for a **reception** where you can reconnect with colleagues and celebrate this annual gathering!

Finally, as communicated in our Town Hall on October 18th, **Georgia Bio is recommitting to its core mission of advocating for, connecting, educating and inspiring our member enterprises and stakeholders** in much the same way our colleagues have known Georgia Bio since its inception in 1989. To achieve this, the organization is now an independent 501c6 organization. I encourage you to visit our blog to learn more.

On behalf of Georgia Bio, I would like to **thank our sponsors, speakers, volunteers, exhibitors, as well as the Georgia Bio board** for their hard work and efforts to ensure the success of the 2023 summit.



Maria Thacker Goethe
President & CEO, Georgia Bio

IMPORTANT NOTICE:

The Georgia Biosciences Organization, Inc. is now pleased to provide the Georgia Bio life sciences partnership services for our community via an independent 501c6 organization. This transition encompasses the Georgia Life Sciences Summit and other relevant industry events. This change from a 501c3 aligns the organization with most of the BIO and AdvaMed affiliates across the country. CGHI members will receive complimentary membership with Georgia Biosciences Org. until their next scheduled renewal date when they will be invited to renew with Georgia Biosciences Org. We are happy to work with you to establish the organization as a new vendor with your company/organization as needed.

**ACCESS THE
POSTER SESSION
VIA QR CODE:**



**ACCESS OUR
SPEAKER BIOS VIA
QR CODE:**





Thanks to the tireless efforts of Georgia Bio, the biotech ecosystem in Georgia is stronger and the future brighter. We are proud of our partnership with Georgia Bio. Together, we help our members make the impossible, possible.

GEORGIA BIO
The Life Sciences Partnership

Members saved an average of \$55K on essential products and services last year. Visit the BIO booth to join the largest cost savings program for the life sciences industry.



A black and white photograph of a woman in a laboratory setting. She is wearing a lab coat, a headband, and a patterned scarf. She is smiling and ringing a large bell with a mallet. In the background, there is a long laboratory hallway with other people and equipment.

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UNIVERSITY OF GEORGIA

Office of Research
Innovation Gateway

TOP 5 FOR NEW PRODUCTS TO MARKET

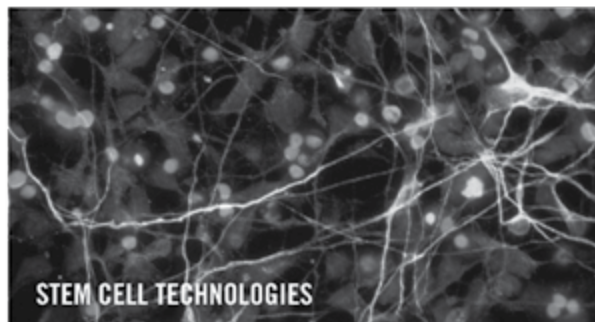
(10 years running)

250+ COMPANIES STARTED

based on UGA research

\$531M ECONOMIC IMPACT

from jobs created



STEM CELL TECHNOLOGIES



EARLY DISEASE DETECTION



IMPROVED PLANT VARIETIES



TARGETED CANCER DRUGS

Moving UGA technologies to the marketplace through partnership with industry

research.uga.edu/gateway

id INNOVATION
DISTRICT
UNIVERSITY OF GEORGIA

Overview Agenda

8:00 AM

Badge Pick Up and Exhibit Set Up

9:00 AM

Georgia Life Sciences Showcase & Rapid Fire Research Showcase (Continental Breakfast)

Sponsored by ATDC

Georgia-based companies that are developing or have bioscience/medtech-related products present their technology.

Company Showcase

- 9:00AM – Cambium Oncology, **Gary Altman**
- 9:10AM – PERSOWN, **Eric Doherty**
- 9:20AM – Andson Biotech, **Bram Frankel**
- 9:30AM – Zeeva Therapeutics, **Shiva Arjunon**
- 9:40AM – Ovum Medical, **Matthew White**
- 9:50AM – EnOPrep, **Austin Tull**

Rapid Fire Research Showcase

- 9:00AM – **Eric Miller**, 5-Fluorouracil-Based Therapies to Treat Colorectal Cancer
- 9:10AM – **Kasie Collins**, Platform Enabling Extended Release of Protein-based Therapeutics
- 9:20AM – **Shafiq Khan**, Novel Anti-Metastatic Agents
- 9:30AM – **Chunhui Xu**, Small Molecules Against Chemotherapy-induced Cardiotoxicity
- 9:40AM – **Ramaraja Ramasamy**, Rapid Diagnostic Tool for Food Borne Pathogen
- 9:50AM – **Nicole Pribut**, Lysophospholipid-Derived Prodrugs of TFV as Next-gen Antivirals

10:00 AM

Plenary (Studio Theatre)

Welcome Remarks

- **Maria Thacker-Goethe**, President & CEO, Georgia Bio

Presenting Sponsor Remarks

- **The Honorable Rusty Paul**, Mayor, City of Sandy Springs

Plenary Presentation Introduction

- **Steve Damon**, CEO, Micron Biomedical, Inc.; Georgia Bio Chair

Plenary Presentation

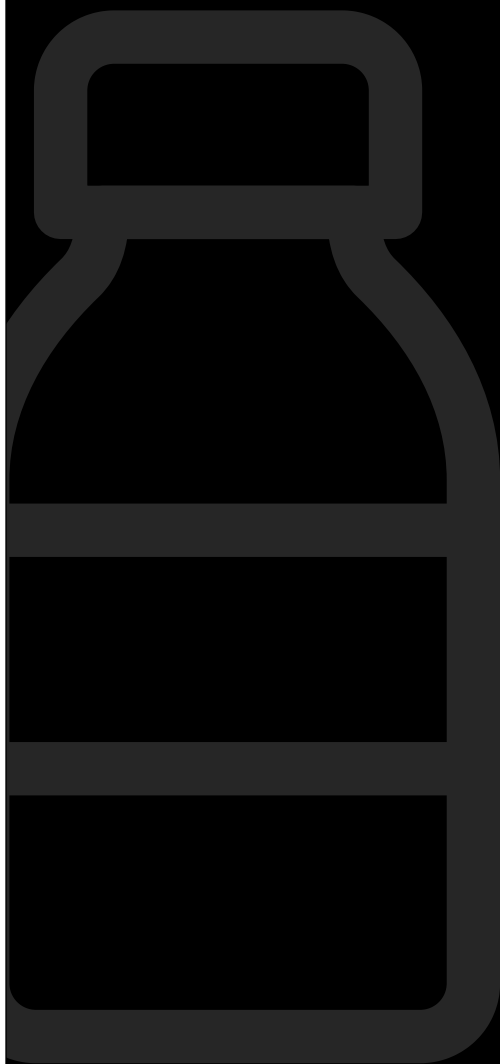
- **Timothy L. Denning, PhD**, President & CEO, Georgia Research Alliance

From investments in workforce and STEM infrastructure at our colleges and universities to securing an “essential” designation for life science companies during the pandemic, Georgia Bio’s policy and advocacy work keeps Georgia’s life science industry thriving.

This session will kick off with remarks from incoming GRA President & CEO, Dr. Tim Denning on the critical relationship between industry and academia; and preview his vision for GRA. Dr. Denning will be followed by a conversation with PhRMA, policy and patient leaders discussing a key industry priority...Policies to Help Patients Pay Less for their Medicines.

**Emory University
is #3 in New Drug
Development**

#3



.....

We're improving health outcomes and saving lives here in Georgia: Among public institutions, Emory is the third top contributor of FDA-approved drugs and vaccines in the world.



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Source: Stevens, A.J., Benson, D.E., Dodson, S.E. et al. Role of global public sector research in discovering new drugs and vaccines. J Technol Transf (2023). <https://doi.org/10.1007/s10961-023-10007-z> <https://doi.org/10.1007/s10961-023-10007-z>

10:00 AM

Patients, Policy & Politics: How Life Sciences is a Key Priority for Georgia and Patients

- **Dorothy Leone-Glasser, RN, HHC**, Executive Director, Advocates for Responsible Care
- **Zachary Poss**, Director – State Advocacy, PhRMA
- **The Honorable Rep. Deborah Silcox (R-GA)**
- **Moderator: Jenée' Burke**, Director, State Government Relations & Public Affairs, UCB

Americans want policymakers to see lowering out-of-pocket costs for health care as a top priority. In 2021, West Virginia became the first state in the nation to adopt ground-breaking legislation, HB2263, requiring insurers and their PBMs to share the savings they negotiate on medicines directly with patients. This legislation serves as a roadmap for other states looking to help lower costs for patients. Join us for a lively conversation to learn how this commonsense policy could help lower what patients pay out of pocket by hundreds of dollars a year. And learn how you can help make this happen in Georgia.

11:00 AM

Plenary (Studio Theatre)

Putting the Tech in Bio/MedTech: The Intersection of Software and Science

- **Michel van Musschenbroek**, Field Marketing Manager, MilliporeSigma
- **Patricia Obermaier**, Chief Growth Officer, Global Health and Life Sciences, Microsoft
- **Joseph (Robby) Robertson**, Product and Technology Lead, US Neurology, UCB
- **Moderator: Dr. Joe Sutherland**, Director, Center for AI Learning, Emory University

Georgia is a global leader in software and data sciences as well as next generation life science fields such as cell therapy, protein engineering, and antibody therapeutics. The convergence of life and data sciences promises to dramatically accelerate the pace of innovation and drug development. Georgia is emerging as a leader in combining these fields to address some of the most challenging problems in life sciences. Hear from leaders building the next generation of companies at the intersection of AI/ML, computational biology, and life sciences.

12:00 PM

Networking Lunch and Exhibit Hall (Terrace Meeting Room & Cityview Terrace)

Networking Lunch sponsored by UCB

Exhibit Hall sponsored by Boston Scientific & Evans General Contractors

1:30 PM

Plenary (Studio Theatre)

Sponsored by Georgia Research Alliance

Anthony Shuker Scientific Poster Awards, Announcement of Poster Winners

- **Stacy Williams Shuker Reece, PhD**, Chief Product Officer, Salvation South

BioReady Communities Launch

- **The Honorable John Bradberry**, Mayor of Johns Creek
- **Maria Thacker-Goethe**, President & CEO, Georgia Bio

Put Patients at the Center of Biotech

- **Ted W. Love, MD**, Former President & CEO of Global Blood Therapeutics; 2023-2025 Board Chair, Biotechnology Innovation Organization
- **Fireside Chat Moderator: Greg Vaughn, MD**, Senior Advisor, GRA; Partner, Spencer Stuart

Augusta University ... An Engine for Innovation

Founded in 1828 and located in Augusta, Georgia, Augusta University is a public research university and medical center dedicated to training the next generation of innovators, leaders and health care providers. Based in Augusta with locations across Georgia, Augusta University is at the forefront of groundbreaking research focused on improving and enriching the human experience.

Offering undergraduate programs in the liberal arts and sciences, business and education as well as a full range of graduate programs and hands-on clinical research opportunities, Augusta University is Georgia's innovation center for education and health care. The combination of nationally ranked business and nursing schools as well as the state's flagship public medical school and only dental school makes Augusta University a destination of choice for the students of today and the leaders of tomorrow.

With locations throughout Augusta and at satellite campuses in Athens, Albany, Rome and Savannah, the university's ten colleges and schools have a truly statewide impact in Georgia.

Home to the Medical College of Georgia, the nation's eighth-largest and 13th-oldest medical school, the university's Health Sciences Campus is at the forefront of health care innovation. Located in beautiful downtown Augusta and housing the state's largest College of Nursing, the comprehensive College of Allied Health Sciences, The Graduate School and the state's only dental school, The Dental College of Georgia, the Health Sciences Campus is also home to the state's only public academic medical center.

Built in and around a former United States arsenal, the historic Summerville Campus is home to the university's liberal arts curriculum. In the shade of ancient trees, professors from the Katherine Reese Pamplin College of Arts, Humanities and Social Sciences; the nationally ranked James M. Hull College of Business; the College of Education; and the College of Science and Mathematics prepare students for a lifetime of critical thinking, creativity and entrepreneurial success.

Nestled along the Savannah River, the Riverfront Campus is located in Augusta's growing cybersecurity corridor and houses the state-owned Hull McKnight Georgia Cyber Center for Innovation and Training Center, a state-of-the-art cyber center comprised of the university's School of Computer and Cyber Sciences, a cutting-edge cyber range, a 340-seat auditorium, secure briefing space, incubator space for innovation and entrepreneurship, and classrooms; as well as a proximity to industry professionals and start-ups.



AUGUSTA UNIVERSITY

Office of Innovation
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Interdisciplinary Research Building
Health Sciences Campus
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3:00 PM

Networking / Exhibit Hall

Sponsored by Boston Scientific & Evans General Contractors

Georgia Life Sciences Showcase & Rapid Fire Research Showcase

Sponsored by ATDC

Georgia-based companies that are developing or have bioscience/medtech-related products present their technology.

Company Showcase

- 3:00PM – Annoviant, **Ajay Houde**
- 3:10PM – Hub Hygiene, **Jud Ready**
- 3:20PM – Atherovax, **Amir Khan**
- 3:30PM – Nutrivert, **Horace Nalle**
- 3:40PM – Strike Photonics, **Tripp Hardy**
- 3:50PM – Kinemo, **Nordine Sebkhi**

Rapid Fire Research Showcase

- 3:00PM – **Daqing Wu**, Novel Small-molecule Therapy for Advanced Prostate Cancer
- 3:10PM – **Darren Browning**, Gut-targeted Phosphodiesterase Inhibitors for Intestinal Diseases
- 3:20PM – **Delta Ghoshal**, Cell Therapy Potency Metric
- 3:30PM – **Ming Luo**, Vesta Biomedicals
- 3:40PM – **Joshua Luke**, TrueAngel Healthcare Group
- 3:50PM – **Jaroslava Halper**, Diagnostic Assays for Equine Degenerative Suspensory Desmitis

4:00 PM

Plenary (Studio Theatre)

RESI South Announcement

Launching and Funding a Company in a Challenging Environment: Investors' Perspectives of Best Practices and Critical Errors

Sponsored by Life Science Nation & Radyus Research

- **Justin Burns, PhD**, Biotech/Healthcare Venture Capital at Morningside
- **Matt Goldman**, Partner, J2 Ventures
- **Joshua Eckelberry**, Principal, SOLAS BioVentures
- **Steven Lehmann**, Director, Venture Operations, Portal Innovations
- **Moderator: Marta New, PhD, MBA**, CEO, Radyus Research

Launching a life science company requires thousands of "make it or break it" decisions around developing the science, building the team, and financing the business. Additionally, we have gone from one of the strongest environments to one of the more challenging. This panel of seasoned investors will discuss best practices and critical errors companies make in building a capital stack from founding through acquisition as well as how those decisions influence an investor's interest in investing at each stage and the impact on the company's valuation. This panel will also dive into how the funding landscape for life science companies has transformed dramatically over the past 24 months.

Georgia Life Sciences Company Showcase Winners Announced

Closing Remarks

- **Steve Damon**, CEO, Micron Biomedical, Inc.; Georgia Bio Chair

5:15 PM

Closing Reception (Terrace Meeting Room & Cityview Terrace)

6:30 PM

Summit End



Georgia Tech

Parker H. Petit Institute for
Bioengineering and Bioscience



Mission

To build a community across Georgia Tech and its partner institutions that catalyzes, cultivates, and deploys interdisciplinary research and education in bioengineering and bioscience for economic and societal benefit.

IBB Snapshot

280+
FACULTY

FROM 12 GEORGIA TECH SCHOOLS,
MOREHOUSE SCHOOL OF MEDICINE, GEORGIA
STATE UNIVERSITY, EMORY, UNIVERSITY OF
GEORGIA, AND SPELMAN COLLEGE

70+
STAFF

1,200
TRAINEES

\$36M
STATE-OF-THE-ART
CORE FACILITIES



>400
COMMUNITY
EVENTS
ANNUALLY

- 3 Interdisciplinary Graduate Programs
Bioengineering | Bioinformatics | Quantitative
Biosciences
- Strong partnerships with industry
- Entrepreneurship and Commercialization –
including education, support, and fundraising



Research Areas:

- Biomaterials
- Cancer Biology
- Chemical Biology
- Drug Design, Development, and
Delivery
- Mechanobiology
- Molecular Evolution
- Molecular and Tissue
- Biomechanics
- Neuroscience
- Regenerative Medicine
- Systems Biology

Associated Centers:

NSF ERC for Cell Manufacturing
Technologies (CMA^T)

Marcus Center for Therapeutic Cell
Characterization and Manufacturing
(MC3M)

In-depth Cell Characterization
Platform Hub for the NIH

Regenerative Medicine Innovation
Project (RMIP)

NIH Georgia Clinical and Translational
Science Alliance
(GaCTSA)

Center for Regenerative Engineering
& Medicine (REM)

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Home to world-class academic and research institutions, public health and healthcare powerhouses, and a robust business community, Metro Atlanta is rising to meet the needs of its growing life sciences industry in research and development, manufacturing, and much more. Metro Atlanta and Georgia are also digital health powerhouses, with 250 companies delivering leading-edge healthcare technology that improves care quality, reduces costs, and saves lives.

DON'T MISS OUT. COME AND SEE FOR YOURSELF HOW METRO ATLANTA IS GROWING IN THE LIFE SCIENCES & DIGITAL HEALTH INDUSTRIES

Find more information about 'Why Atlanta?' at www.metroatlantachamber.com

Contact Eddie Lai, Senior Manager, Life Sciences & Digital Health for more on our ecosystems
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GEORGIA BioEd
Institute

CAREER FAIR

SAVE THE DATE
April 17, 2024
2024 Georgia Life Sciences Virtual Career Fair



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At Johnson & Johnson we believe health is everything, for everyone. Through our expertise in Innovative Medicine and MedTech, we innovate across the full spectrum of healthcare solutions to profoundly impact health for all humanity.

We are proud to support NYAM in their work for health equity and congratulate all of tonight's honorees for their part in the effort.

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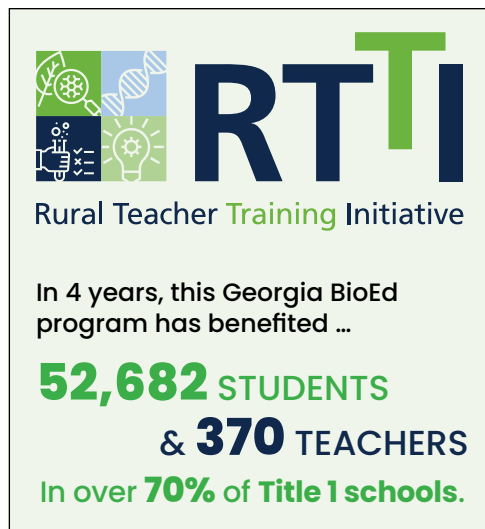


The Winter Membership Drive kicks off this month!

Georgia Bio provides its members with advocacy, business, and innovation support through a variety of programs and services. As a member, you have exclusive access to offerings, savings, and professional development opportunities to grow your business and advance your science. Every employee of member companies are also members, extending the benefits to your team.

Become a member of Georgia Bio by emailing admin@gabio.org

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RTTI
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52,682 STUDENTS
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In over **70%** of Title I schools.

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