



# KUBAA Newsletter

Connecting careers to community

April Issue 2026

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## Mission

The goal of the KUBAA newsletter is to create a strong bridge of knowledge, experience and inspiration between the Biotechnology and Genetic Engineering alumni and students of Khulna University. We are committed to building an active and collaborative network by highlighting research, achievements, career opportunities and community activities.

## Vision

Our vision is to create a globally connected, innovation-driven and knowledge-based alumni platform that fosters a culture of scholarship, leadership, collaboration and lifelong learning. We aim to establish the newsletter as a trusted source of inspiration, guidance and opportunity for alumni and students.

## Purpose

- Connect and collaborate across faculties, students, and alumni
- Promote mentorship, networking, and career guidance
- Showcase research, innovation, startups, and success stories
- Provide a single platform for internships, grants, PhDs, and jobs
- Foster entrepreneurship and support future plans.

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## Contributors

### (KUBAA Digital Footprint Subcommittee):

- Dr. Md. Morsaline Billah (BGE '95)
- Dr. Ahsan Habib (BGE '97)
- Subrata Guha (BGE '01)
- Ajgor Khan Rasel (BGE '05)
- Jamil Shuvo (BGE '14)
- Md Tangimul Islam (BGE '16)
- Mehedi Hasan Pritom (BGE '18)
- Sobuj Paul (BGE '21)

**Acknowledgement:** Arthi Paul · Rafiya Raidah · Shekh Subarno Rahman Dhrubo · Susmita Paul · Suriya Akther (21 Batch) · Amatul Quader Tahmida (22 Batch) · Adib Ali Khan (23 Batch)

## Alumni Spotlight | KU to World's #1 Cancer Research Center



**K M Salim Andalib**, PhD Student  
UT health MD Anderson Cancer Center, USA  
kms.andalib@gmail.com

In this edition of alumni spotlight, we feature **K M Salim Andalib** (Bge'19) who is currently pursuing his **PhD** at the world's leading cancer research institute. His journey reflects an epitome of intellectual curiosity and commitment towards advance scientific research. Below, he shares his journey in his own words:

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**M**y interest in cancer research began during my undergraduate years as a student of Biotechnology and Genetic Engineering at Khulna University. I was curious about how cancer develops, how genes change, and how these changes affect human health. At that time, I did not have access to large research facilities, but I tried to make the most of what was available. I focused on learning lab techniques, reading research papers, and understanding the basics of foundational and translational biology.

I believed early on that research is not only about equipment, but also about mindset. I looked for learning opportunities outside regular coursework. I participated in research projects, presentations, and discussions that helped me think more clearly and critically. These experiences slowly built my confidence and direction.

During the COVID-19 pandemic, many students felt stuck. Labs were closed, and uncertainty was everywhere. I decided to use that time to connect with people instead of waiting. I actively reached out to professors and researchers via email, introduced myself, and shared my research interests. I was not asking for positions right away. I was seeking mentorship and guidance. Some emails went unanswered, but a few led to meaningful conversations. These connections opened doors to research opportunities at **Johns Hopkins University** and **Carnegie Mellon University**. Working with researchers from these institutions taught me how international research teams work and what level of discipline and communication they expect. The journey was not smooth. I faced skill gaps, rejections, and moments of self-doubt.

What helped me move forward was consistency. I focused on improving step by step. I learned to accept feedback, improve my writing, and strengthen my fundamentals. I stayed committed to cancer research instead of chasing trends.

Over time, these experiences prepared me for the next stage of my journey - joining **MD Anderson Cancer Center**, the world's leading cancer research institution, for my PhD. This achievement did not come overnight. It was built through years of learning, mentorship, and patience. For current students, my advice is simple.

**Start early**, seek mentors. Do not be afraid to email people and ask questions. Be honest about what you know and what you want to learn. Progress may feel slow, but steady effort adds up. If you stay focused and consistent, global research spaces can become reachable, one step at a time.

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**UT MD Anderson Cancer Center** is one of the world's leading and largest cancer research centers. It has been ranked the #1 in the United States by U.S. News & World Report for 36 years. This reflects its long-standing excellence in patient care and research. It is located in the Texas Medical Center. The center combines clinical care, research, and education in one place. In FY25, it invested about **\$1.3 billion** in research and ran over 1,500 clinical trials. Its work covers cancer biology, immunotherapy, genomics, and precision medicine.



Photo courtesy of KVUE

Its [PhD programs](#) are offered through the MD Anderson UTHealth Houston Graduate School of Biomedical Sciences. The program offers training in fields like Cancer Biology, Genetics, Immunology, and Translational Science. Applications usually open on September 1 and the priority deadline is November 1. Applicants can join the [Discover Biomedicine Series](#). These webinars explain the program, research, and application process.

## Remote Traineeship | A Stepwise Roadmap

Getting a **remote internship** while still an **undergraduate** may seem challenging, but it is entirely achievable with proper planning, skill-building, and persistence. Here's a practical step-by-step **roadmap** to guide you:

### Step 1: Set Your Goals & Interest

Choosing early helps plan skills, projects, and applications.

- **Lab-based:** Microbiology, Molecular Biology, Genetics
- **Computational:** Bioinformatics, Genomics, Data Analysis

### Step 2: Build Foundational Skills

- **Biology:** Cell Biology, Genetics, Biochemistry, Molecular Biology
- **Computational:** Linux/Python/R, Data Analysis, Basic Statistics
- **Research:** Literature Review, Scientific Writing

### Step 3: Gain Hands on Experience

- Any projects/Lab activities
- Learn data science
- Host on GitHub or portfolio

### Step 4: Reach Out to Lab/Alumni

- Cold emails: Introduce yourself, highlight skills/projects, show interest, explain contribution

### Step 5: Explore Programs & Labs

- Amgen Scholars Program
- Wellcome Sanger Institute:
- Max Planck Research School:
- Helmholtz Munich
- ORBIT Database

### Step 6: Prepare for Challenges

- Many emails go unanswered, some applications fail, experience matters
- Persistent skill-building and outreach lead to success.

### Step 7: Find mentor

- LinkedIn & ResearchGate profiles
- GitHub/portfolio projects
- Connect with Asst/Assoc. Prof.
- Correct Lab/Immediate seniors

### Step 8: Take Action Now

The question is no longer waiting "Can I do it?" but "Will I start preparing today?"

### Real-Life Example

Remote or international internships are challenging but not impossible. How to create opportunities through remote internships? Take inspiration from here

[https://youtu.be/SPPGMdUm4M4?si=w7eMhYtlSzw7M\\_a3](https://youtu.be/SPPGMdUm4M4?si=w7eMhYtlSzw7M_a3)

Opportunity Board: [Internships](#) | [Grants](#) | PhD | Jobs

**KUBAA's Support Towards Your Next Step**



**Institution:** National Institute of Biotechnology (NIB)

**Position/Program Name:** Research Internship Program

**Deadline:** 10–15 days before internship start date

**Apply:**  
<https://nib.gov.bd/pages/trainings/6922dcc6dbfbab28ce0614e8>



**Institution/Company:** ICDDR, B

**Program Name:** National Internship Program

**Deadline:** Open

**Apply:**  
<https://www.icddr.org/internship-programmes>



**Organization**  
Global Network of Bangladeshi Biotechnologists (GNOBB)

**Position/Program Name:** Research Grant 2026

**Deadline:** April 30, 2026

**Apply:**  
<https://gnobb.org/news/call-for-islam-gnobb-endowment-research-grant-proposals>



**Organization/Institution/Company:** The World Food Prize Foundation

**Position/Program Name:** Innovate for Impact Challenge | Startup Call | \$50,000 | \$10,000 | \$5,000

**Deadline:** April 15, 2026

**Apply:**  
<https://www.worldfoodprize.org/index.cfm?nodeID=96969&audienceID=1>

## **KUBAA's Support Towards Your Next Step**



**Name:** MIM PhD Program (UZH / ETHZ)

**Program** PhD in Microbiology & Immunology (LSZGS)

**Deadline:** 01 May & 01 Nov 2026

**Apply:** <https://join.lszgs.uzh.ch>



**GERMAN  
CANCER RESEARCH CENTER**

**Name:** DKFZ PhD Program

**Program:** International PhD Program in Cancer Research (DKFZ, Germany)

**Deadline:** 21 April 2026

**Apply:**

<https://www.dkfz.de/en/career/phd>



Marie Skłodowska-Curie  
Actions

**Name:** MSCA-DN EVADERE PhD Program

**Program:** 15 PhD positions in Vaccine Research

**Deadline:** 30 April 2026

**Apply:** <https://evadere1.eu/>



euraxess  
RESEARCHERS IN MOTION

**One Platform, Many PhDs**

**Name:** EURAXESS – EU Jobs & Opportunities

**Why:** A central platform to find funded PhD and research positions across Europe (MSCA, Horizon Europe, Erasmus+).

**Apply:**

<https://euraxess.ec.europa.eu/jobs/search>

## **KUBAA's Support Towards Your Next Step**

### **Kind ATTENTION**

#### **Hiring in Biotech or Life Sciences?**

Reach the right talent through our alumni newsletter.

Send your job post to [info@kubaa.org](mailto:info@kubaa.org) and get featured in the next issue

**Connecting you with skilled professionals from our network.**



**Organization/Institution/Company:** United International University (UIU)

**Position/Program Name:** Assistant Professor – Biotechnology & Genetic Engineering

**Deadline:** April 24, 2026

**Apply:** <https://www.uiu.ac.bd/career/assistant-professor-biotechnology-genetic-engineering/>



**Company:** DiaMed

**Position/Program Name:** Field Application Scientist (FAS), Phase I

**Deadline:** Not specified (posted 3 weeks ago; apply as soon as possible)

**Apply:** <https://www.bdjobs.com/> (search: "Field Application Scientist (FAS), Phase I – Job ID: 1468231")



**Company:** Life-Care Diagnostics

**Position:** Assistant Pathologist

**Deadline:** Not specified (posted 2 weeks ago; apply as soon as possible)

**Apply:** <https://www.bdjobs.com/> (search: "Assistant Pathologist – Job ID: 1469609")

## Skills Corner

### GOOGLE NotebookLM

#### Your new research companion

In the era of artificial intelligence, the way work is changing in every sector is changing so fast that if you can't adapt, it's inevitable to fall behind. In the field of research, especially literature review, many people's hearts tremble. However, a solution has come that researchers around the world are quickly adopting: **Google Notebook**. Using this tool, it is possible to reduce the effort of literature review to an incredible extent. However, it is not a shortcut; rather, it is a practical upgrade.

**The workflow image** below shows how the steps work together, from collecting paper to using Google Notebook.



- NotebookLM Notebook তৈরি**  
notebooklm.google.com → New Notebook → সব PDF upload করো। প্রতিটি topic-এর জন্য আলাদা notebook রাখো।
- Papers সংগ্রহ**  
Google Scholar / PubMed থেকে relevant PDF download করো। প্রথমে ১০-১৫টি দিয়ে শুরু করো।
- Mind Map ও Timeline দেখো**  
Studio panel → Mind Map generate করো। Field-এর conceptual structure এবং research timeline এক নজরে বুঝে নাও।
- Comparison Table তৈরি করো**  
Chat-এ prompt দাও: সব sources থেকে methodology, sample size, key findings ও limitations-এর table বানাও।
- Gaps ও Debates চিহ্নিত করো**  
এই papers-এ কোন major research gaps আছে? কোথায় authors একমত নন? এটাই তোমার review-এর backbone।
- Verify করো, তারপর লেখো**  
প্রতিটি AI-তৈরি তথ্য মূল PDF-এ গিয়ে যাচাই করো। তারপর নিজের ভাষায় review লেখো।

**Note: Google Notebook cannot find new papers.** It only works with the papers you provide. So, use Google Scholar, PubMed or Semantic Scholar to collect new papers and then bring them into Google Notebook for synthesis and review. Using this combination, the time for literature review is reduced.

# Science Breakthrough



## GLP-1 Drug: A New Era in Obesity and Diabetes Control

Obesity is a major challenge for everyone today, and it is also increasing rapidly in Bangladesh. Due to urban lifestyle, excessive consumption of fast food and processed foods, lack of physical activity, and irregular eating habits, the number of patients with **obesity and type-2 diabetes** has increased gradually. This has resulted in heart disease, high blood pressure, liver problems, metabolic syndrome, and other complications. The obesity rate among children and young people is particularly worrying.

In this context, GLP-1 receptor agonist drugs are raising new hopes in medicine. They are mainly used to control type-2 diabetes and lose weight. GLP-1 drugs act like natural

incretin hormones in the body. Incretin hormones are helpful in reducing appetite after meals, helping to control blood sugar levels, and increasing insulin secretion. In addition, these drugs slow down the rapid flow of glucose from food into the blood, resulting in the patient wanting to eat less and losing weight in the long run.

The **main benefits** of GLP-1 drugs are to help control blood glucose, reduce appetite and help with weight control, help reduce high blood pressure and lipid problems, improve fatty liver and help reduce heart and kidney complications.

**It should be noted** that there may be some negative effects of using this drug. **This article is for informational purposes only.** Always consult a doctor before taking any medication.

### Word Puzzle

Can you find the **hidden** research-related words?

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T | R | A | N | S | C | R | I | P | T | O | M | E | Q | P |
| Y | G | O | L | O | I | B | C | I | T | E | H | T | N | Y |
| M | O | L | E | C | U | L | A | R | B | I | O | L | O | G |
| P | R | O | T | E | O | M | I | C | S | L | X | Z | K | A |
| E | P | I | G | E | N | E | T | I | C | S | B | N | V | S |
| B | I | O | I | N | F | O | R | M | A | T | I | C | S | E |
| R | N | A | S | E | Q | U | E | N | C | I | N | G | H | M |
| C | R | I | S | P | R | C | A | S | 9 | T | Y | U | I | O |
| S | M | E | M | O | T | E | M | O | L | A | B | A | T | E |
| X | Q | W | E | R | T | Y | U | I | O | P | A | S | D | F |

**Hints:**

Words can appear horizontally/vertically/diagonally

 Send your solution with name & ID by **April 30** to [bgeku95@gmail.com](mailto:bgeku95@gmail.com).

Selected entries appear in the next issue.



## Community Connect | Profile Overview of 96 Batch

| Name (with ID)                               | Affiliation  | Contact                                     |
|--|--|---|
| Noor Jahan (Runa) [960701]                   | House Wife   | +8801717322052<br>jahannoor01@yahoo.com     |
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| Md. Abu Hana Golam Morshed (Swapon) [960725] | Principal Research Officer (Endocrinology Laboratory), BIRDEM, Dhaka                 | +8801719832714<br>ahgmorshed@gmail.com      |
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Community Connect | 96 Batch Lifetime Members

**KHULNA UNIVERSITY BIOTECHNOLOGY AND GENETIC  
ENGINEERING ALUMNI ASSOCIATION (KUBAA)**

96



**Welcome our  
Lifetime  
Member!**

**Raj Kumar Bose (Raj)**

Research Coordinator, Karolinska  
Institutet and Center for  
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**Md A H Golam Morshed**

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**Abu Syed MD Rakib**

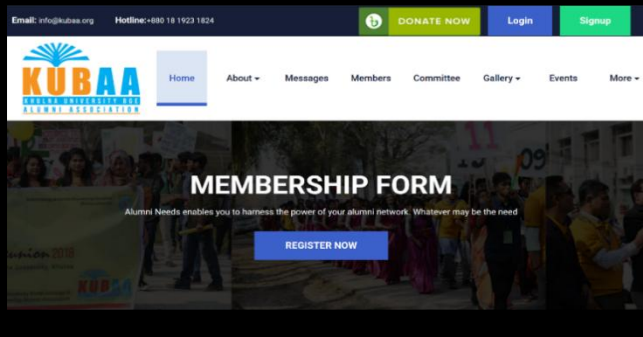
Senior Regional Nutrition  
Manager at Nestle Bangladesh  
Limited and Vice-president of KUBAA  
abu.rakib@bd.nestle.com



ID: 960724



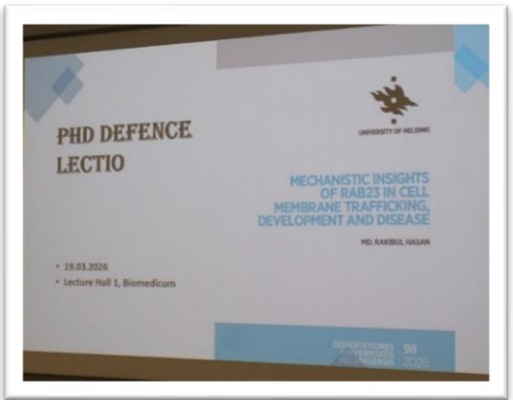
**Become a  
MEMBER!**



Membership Form: REGISTER NOW

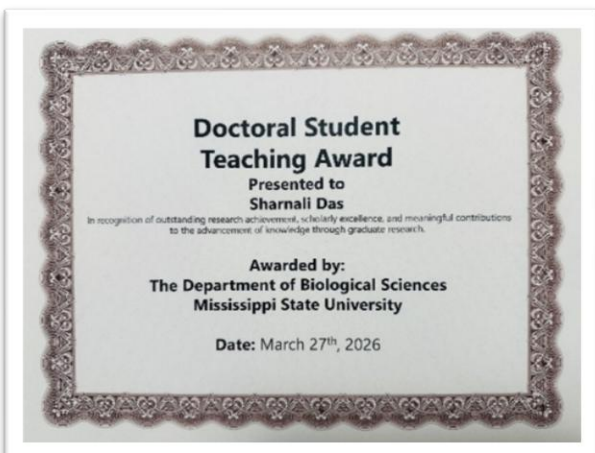
**Click Here > <https://www.kubaa.org/register.php>**

## Achievement Spotlight



### 🎓 **Congratulations, Dr. Md. Rakibul Hasan** 🎓

The Khulna University Biotechnology Alumni Association (KUBAA) proudly congratulates Dr. Md. Rakibul Hasan (BGE '02) on the successful defense of his PhD in Medicine from the University of Helsinki, Finland. Your dedication and achievement are truly commendable. Wishing you continued success and distinction in your future research and professional journey!



### 🎓 **Congratulations, Sharnali Das**

Proud to see a BGE '13 alumna and member of KUBAA achieving such a remarkable milestone.

Your dedication to teaching and passion for science are truly inspiring. Wishing you continued success ahead!

### **Congratulations, Opu (Bge'19)** 🏆

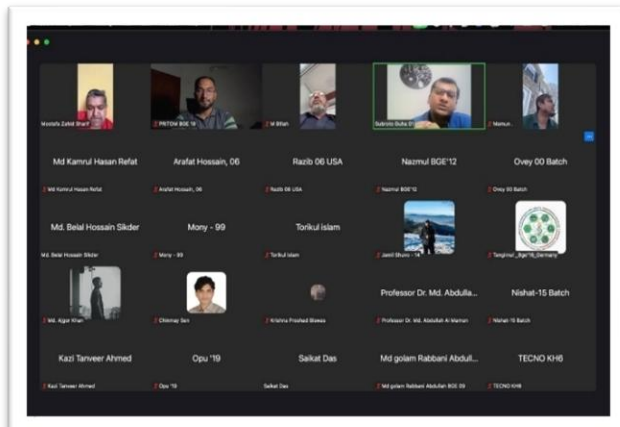
Winning a flash talk award at the Cancer Biology Spring Symposium is a fantastic achievement. KUBAA feels proud of you; keep shining and representing so well!

# KUBAA | Ongoing & Upcoming




## #Recent



### Global Eid Adda on 21<sup>st</sup> March

Global Eid Adda on 21st March brought together 35+ participants for a virtual Eid meetup. The session included a KUBBA activity update, future planning, and shared festival memories and campus nostalgia, reconnecting KU alumni across borders.



## #Upcoming

-  KUBAA Podcast Episode 2
-  April 12
-  Prof. Dr. Md. Morsaline Billah
-  Academia & biotechnology talk

 [KUBAA YouTube](#)  
 Stay tuned!

#KUBAA #Podcast #Episode2  
#KUBGE #Biotech #Career



## #A BIG ANNOUNCEMENT

The BGE Discipline of Khulna University, together with Khulna University Biotechnology Alumni Association (KUBBA), is gearing up for an International Conference & Reunion in 2026.



## Join KUBAA Global Network

Please fill out the form here [Ctrl+Click]  
See the current map [Ctrl+Click]