



Dayananda Sagar  
University **Bengaluru**

**07** YOUR  
/ CHOICE

**25** YOUR  
- VOTE

**20** SBAS STUDENT JOINT  
PRESIDENT ELECTION

PLEASE GIVE US 4 NAMES FOR  
CANDIDACY. BASED ON NAMES, A  
POLL WILL BE GENERATED  
TOMORROW FOR STUDENTS TO  
VOTE.



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# **DAYANANDA SAGAR UNIVERSITY**

## **School of Basic and Applied Sciences**

**Report for– Society of Biological  
Sciences Activities**

**– a student chapter of SBAS**

# SBS: The Organizing Committee for 2019-20



President, SBS  
Tapasya Kori – MSc Biochemistry



Vice President, SBS  
Akshay Simha– MSc Biochemistry



Faculty Coordinator, SBS  
Dr. Pradipta Banerjee



Coordinator, SBS  
Dr. Sunil S. More, Dean SBAS

# Model Exhibition by UG and PG students on 21<sup>st</sup> March 2019 at Dr. CD Sagar Building – *a day when students became teachers*



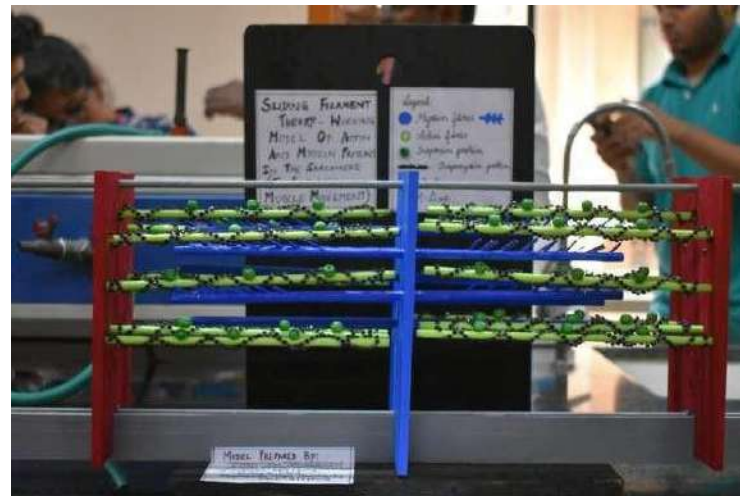


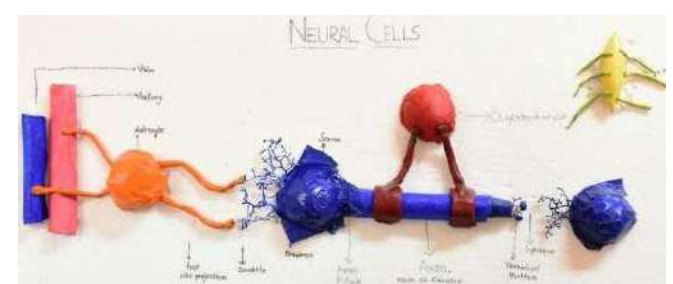
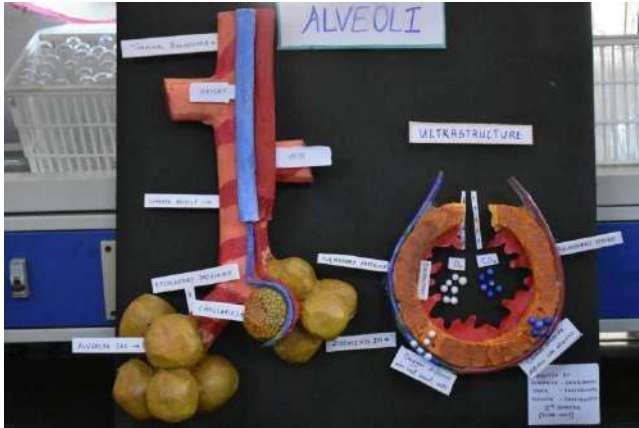
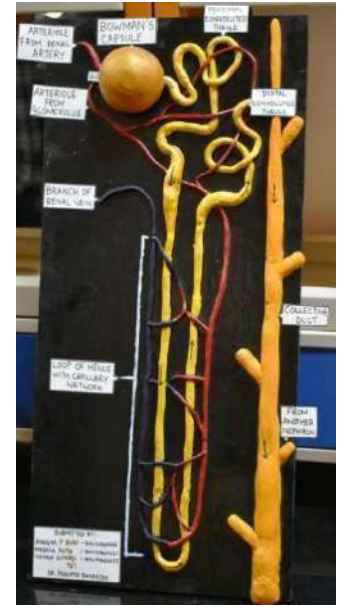
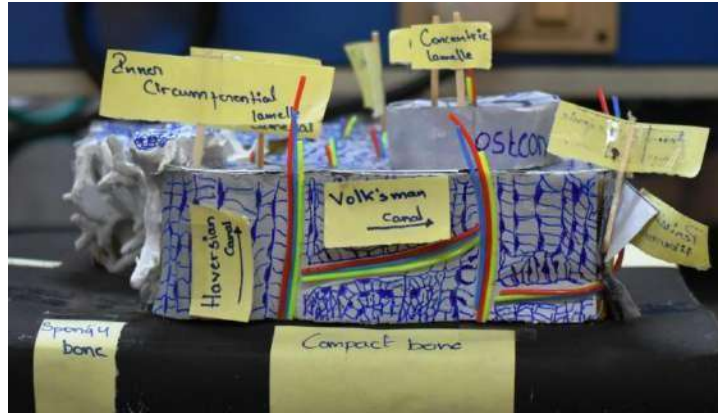
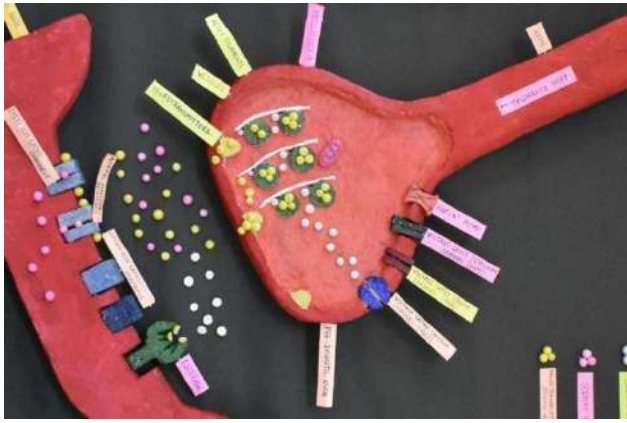
The judges had a hard time deciding upon the best model. The presenters were questioned on both the accuracy and innovativeness of their model

The presenting groups were also tested on their concepts of the physiological system represented by their model.



Winning models – First prize was shared between working model of “ATPase” by Niharika & Ishwar and “muscle contraction” by Shaista & group





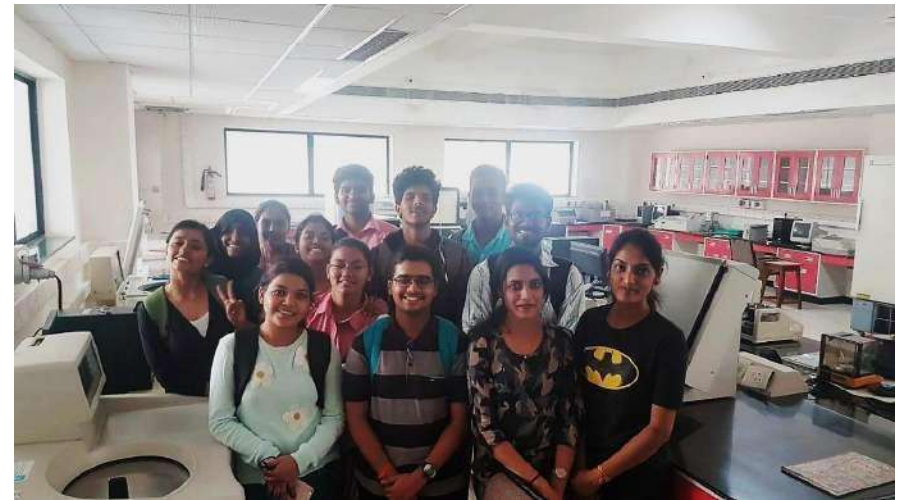
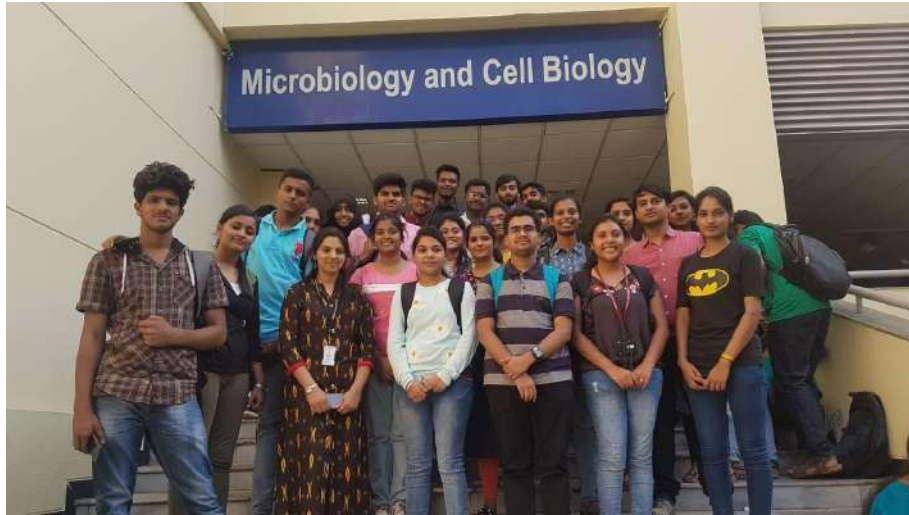


Dean, SBAS announced the results of the exhibition and congratulated the presenting groups on their hard work.

Dean, SBAS also congratulated the student President, Ms Tapasya Kori, the Vice President, Mr. Akshaya Simha and the entire organizing body of the Society of Biological Sciences making this event a success.



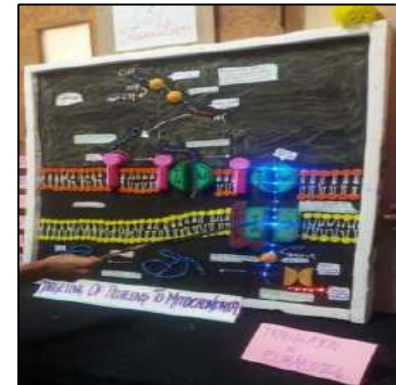
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# A science exhibition on “**Central Dogma of Molecular Biology**” was conducted on 16<sup>th</sup> April 2019



“Building the blocks of Knowledge”



Total 7 teams comprising 42 students from second semester - MSc - Biotechnology and MSc -Microbiology Department exhibited different processes of central dogma in form of working models, charts, posters, animations etc in the exhibition.



Students intently describe the scientific thoughts



Model building is learning and team work



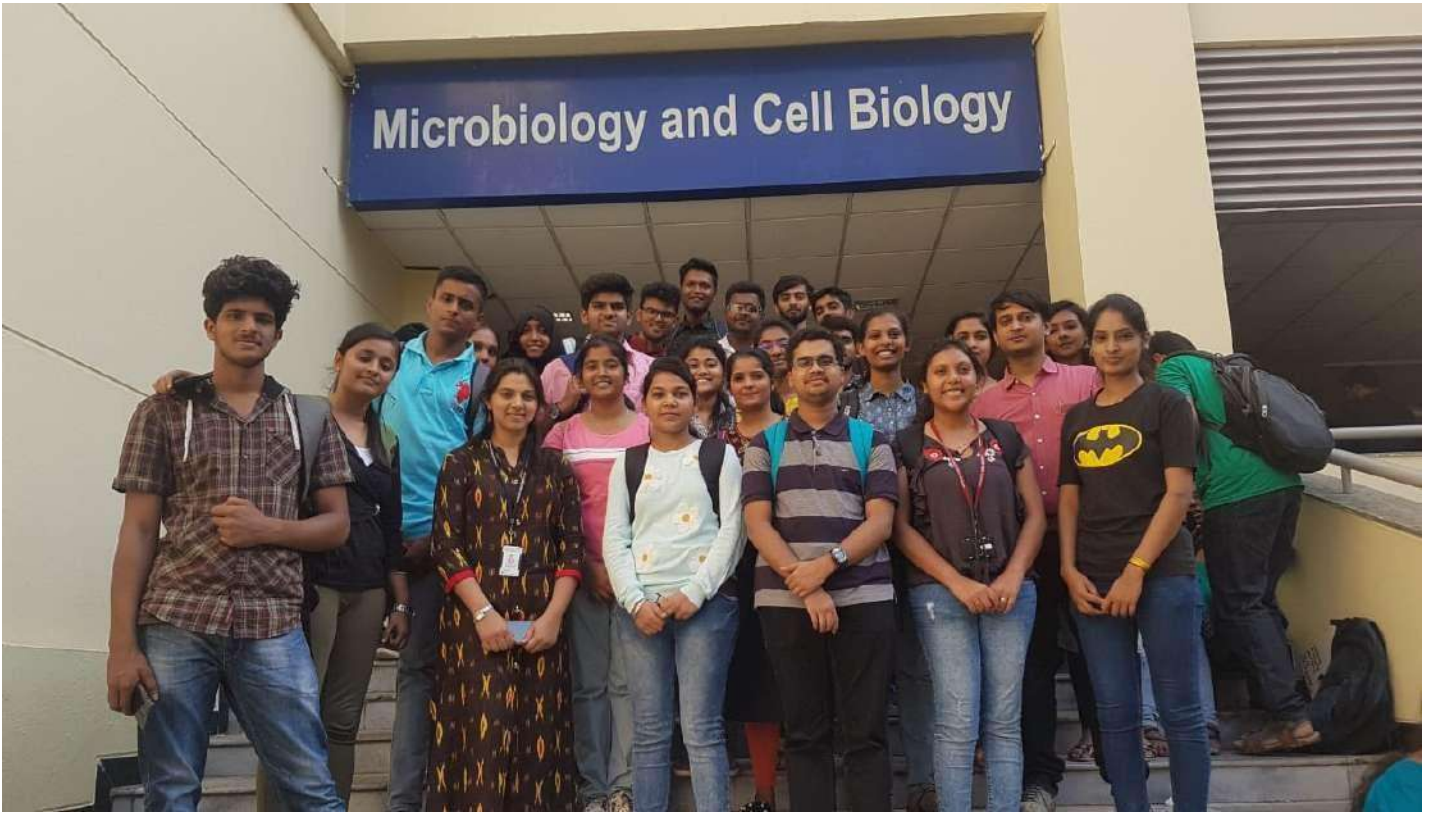
Participant group picture



Certificates of participation given by Dean

Poster session on “**Harmones and Cell Signalling**” was organized on 9<sup>th</sup> December 2019 in PG Biochemistry Laboratory, 2nd Floor; C. D. Sagar, Building . A total of 17 posters were presented by third year M.Sc Biochemistry students.



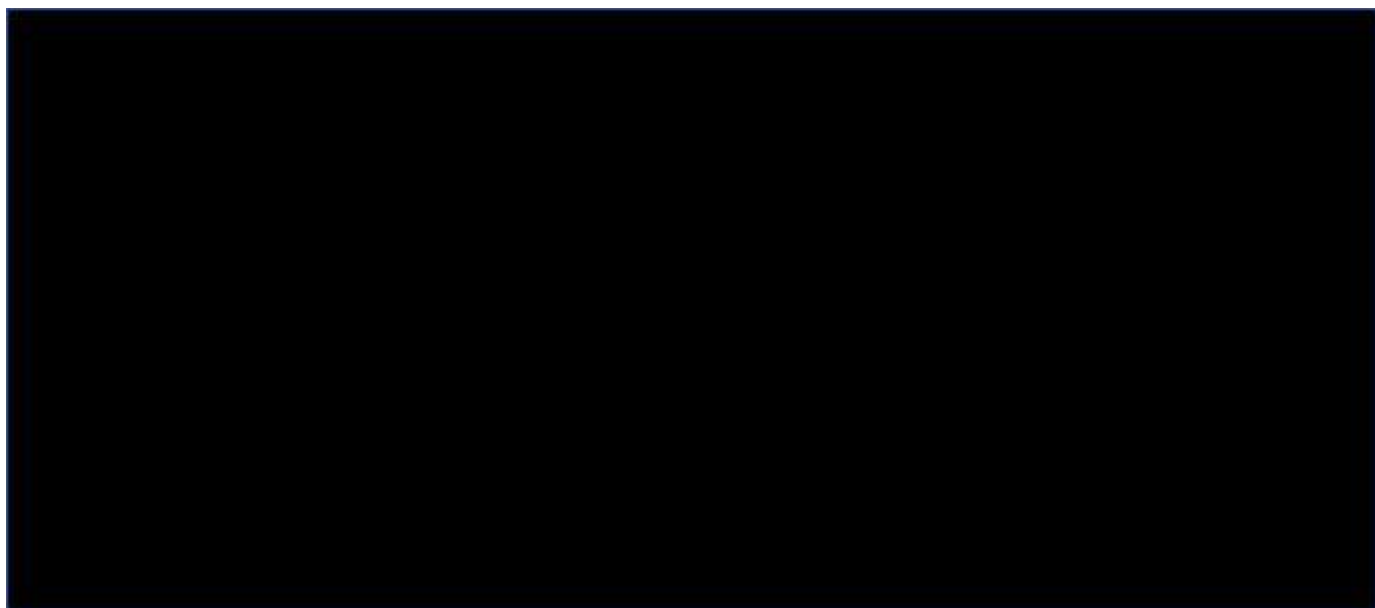


Science Exhibition  
on  
**“Concepts of Molecular Genetics”**

Society of Biological Sciences (Student body formed under SBAS) organized a Science Exhibition (Model, Chart and Poster) on **“Concepts of Molecular Genetics”** on 16<sup>th</sup> November 2019 in PG Biotech Laboratory, 2nd Floor; C. D. Sagar, Building No. 10. (10: 00 am to 12.30 pm). A total of 12 groups comprising 61 participants from MSc Biological Sciences (Biochemistry, Biotechnology & Microbiology) showcased their talents in form of model, poster etc.

Students projected several molecular insights of mechanisms influencing disease outcomes like point mutation causing sickle cell anaemia, histone modifications, alternative splicing, etc. They also showed how Conjugation and Transposition is contributing to the horizontal gene transfer and is a cause of growing crisis of antibiotic resistance.

All the faculty members, UG students, PG students and PhD research scholars had a brain storming interaction with the participants. The best group was selected by the judges and the winners were declared at the end of the exhibition.



**JULY 29, 2020**

ON BEHALF OF THE STUDENT SUPPORT & PROGRESS BOARD, WE THANK EVERYONE WHO SUBMITTED NOMINATIONS AND PARTICIPATED IN THE ELECTION PROCESS. THE DECISIONS WERE UNANIMOUS! PLEASE JOIN US IN WELCOMING OUR NEWLY ELECTED MEMBERS:

- Student President of SBAS for the academic year 2020-21:  
Salman Billa (P.G)
- Student Joint president of SBAS for the academic year 2020-21:  
Tejashwini Singh (U.G)
- Student Governing body of SBAS (in no particular order):
  - P.G- Lakshmi P.S, Divya Moogi, Pooja Pooniya
  - U.G- S Sathya, Himabindu P, Pranathi, Utsav KS, Sushma S, Raqueeb Pasha, Hima Bindu A



**Dayananda Sagar  
University** Bengaluru

**STUDENT COUNCIL ELECTIONS**

REGARDS,

STUDENT PROGRESS IN CHARGE: DR. AJAY NAIR

SBAS FACULTY COORDINATOR: DR. PRADIPTA BANERJEE

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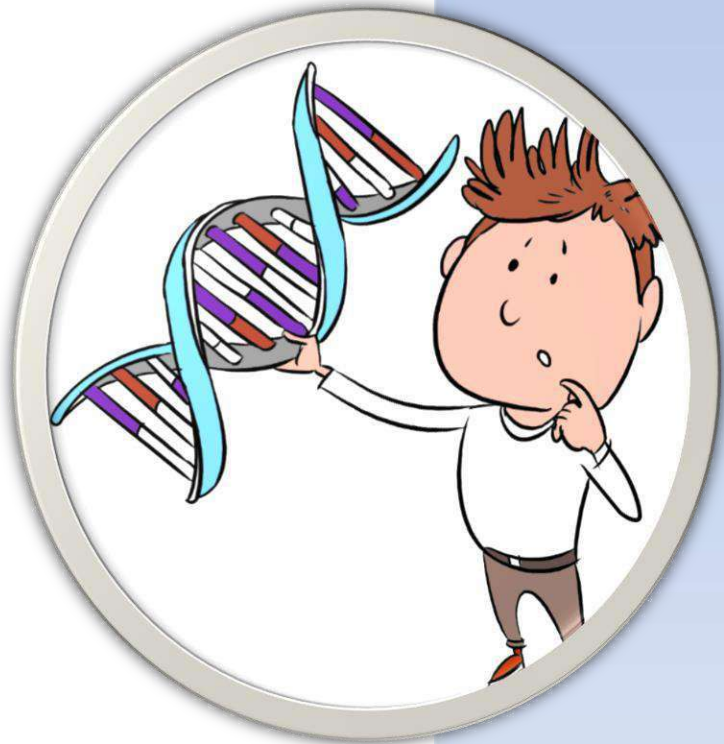
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# Science Fair

## “Wonders of Biotechnology”



# 22<sup>nd</sup> September-2021



# Dayananda Sagar University

## School of Basic & Applied Sciences



### Department of Biotechnology

*Organizing*



## Science Exhibition

on

Theme:

**“Biotechnology advancing modern Health Care”**

**Poster & Model display by**

**UG and PG students – Biological Science, SBAS**

**Date:**

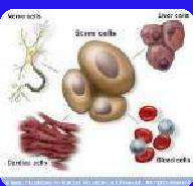
**22<sup>nd</sup> September-2021**

**Timings:**

**2: 00 pm onwards**

**Venue:**

**Room No. 2.02 & 2.03,  
CD-Sagar building, DSU**



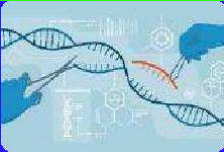
## Stem Cells



## Tissue Engineering



## Nano medicine



## CRISPER



## Vaccine



## GMOs



## Diagnostics

# Topics

- ✓ Stem Cells and regenerative medicine
- ✓ Novel avenues of Tissue Engineering
- ✓ Nano technology and drug delivery
- ✓ Vaccine Innovations
- ✓ CRISPER-Cas in Bioengineering and Translational research
- ✓ Genetically Modified Organisms (GMOs)
- ✓ Molecular Diagnostics
- ✓ Others

**UG: 3 prizes**  
**PG: 3 prizes**



## Organizing committee

Faculty members of  
Department of Biotechnology  
(Dr Roshan Pais ; Dr Susweta Das;  
Dr. Vineetha MS; Dr Triveni K; Mrs Rashmi G)

**For Queries: Contact Number:**  
**9916371885**

# A glimpse of 2018 & 2019 Science exhibitions



***All are cordially invited***



**Best wishes**

**Prof Sunil S. More**

**Dean- School of Basic & Applied Sciences**

**Dayananda Sagar University**

**Bangalore**

Science Exhibition  
on  
**“Hormones and Cell Signalling”**

Society of Biological Sciences (Student body of SBAS) organized a poster session on **“Hormones and Cell Signalling”** on 9<sup>th</sup> December 2019 in PG Biochemistry Laboratory, 2nd Floor; C. D. Sagar, Building No. 10. (2: 00 pm to 5.00 pm). A total of 17 posters were presented by third year M.Sc Biochemistry students.

Students presented posters on signalling pathways like GPCR, receptor tyrosine kinases, cell cycle regulation, nerve signalling, nuclear signalling, apoptosis and how dysregulation of these pathways influence cancer and neurodegenerative diseases.

All the faculty members and PG students attended the session and had an interaction with the participants. Dr. Sunil More and Dr. Pradipta Banerjee were judges of the session who graded the students based on their presentation skills and clarity of concept. Students not only learned about the signalling pathways they also honed their skills in making and presenting posters.

**INVITATION FOR SCIENCE EXHIBITION  
ON  
“HORMONES & CELL SIGNALLING”**

From,

Tapasya Kori  
President, Student Body  
Society of Biological Sciences

To,

Faculty  
School of Basic and Applied Sciences  
Dayananda Sagar University  
Bangalore

Respected Sir/Madam,

**Subject:** - Invitation for Science Exhibition on “Hormones & Cell Signalling”.

The Society of Biological Sciences, Student body formed under SBAS, is organizing an exhibition (poster presentation) on 9<sup>th</sup> December 2019 from 2:00 pm to 5:00 pm at PG Biochemistry Lab ,C D Sagar , Building No. 10 , on “Hormones & Cell Signalling”, which will be presented by M.SC 3<sup>rd</sup> semester students.

We cordially invite you to the event.  
We would be glad if you come and attend the event.

Thanking you,

Yours faithfully

Tapasya Kori  
III Semester  
M.Sc. Biochemistry

DAYANANDA SAGAR UNIVERSITY  
SCHOOL OF BASIC AND APPLIED SCIENCES



INVITES TO AN

INTERNATIONAL WEBINAR SERIES

5-7, NOVEMBER, 2020

# Translational Research Continuum

BRIDGING THE GAP  
BETWEEN SCIENCE &  
PRACTICE

One of the biggest impediments to scientific evolution has been, the widening gap between basic research and scientific practise. Translational Research has risen to ensure that the discoveries made have the highest possible chance of being applicable.

We invite you to participate in the international webinar series on Translational Research. It will bring together professionals to share best practice, experience, and take us through novel approaches that aid in transferring basic research towards useful outcomes.

## Invited SPEAKERS

### POSTER SESSION THEME AREA:

REGENERATIVE MEDICINE  
BIOLOGICAL ENGINEERING  
DRUG DELIVERY  
PLANT TRANSLATIONAL RESEARCH  
EMERGING INNOVATIONS IN FOOD INDUSTRIES  
SUSTAINABLE INNOVATIONS AND INITIATIVES

#### Who can attend?

Students, academicians, industrial experts, research scholars of life science

#### Important Dates:

Last Date to send the Posters : November 2, 2020

Last Date of Registration : November 4, 2020

#### Chairman:

Prof. Sunil S. More, Dean, SBAS, DSU

#### Organizing Secretary:

Dr. Ajay Nair, Asst.Prof., Dept. of Genetics, SBAS, DSU

Dr. Archana S. Rao, Asst. Prof., Dept. of Microbiology, SBAS, DSU



**Dr. Rebijith K. B.**  
Senior Scientist,  
Ministry for Primary  
Industries, New  
Zealand



**Dr. Priyakshi  
Kalita-de Croft**  
Research Officer,  
University of  
Queensland, Centre for  
Clinical Research,  
Australia



**Dr. Mackenzie R.  
Lovegrove**  
Postdoctoral Research  
Fellow, University of  
Tasmania, Australia



**Dr. Kuldeep Sanger**  
Systems Manager,  
Novo Nordisk,  
Denmark



**Dr. Sudipto Munshi**  
Scientific Manager,  
Biocon

## Registration & Contact Details

<https://forms.gle/wDDqPcjTdLHHSKDMA>

email: [ajay-sbas@dsu.edu.in](mailto:ajay-sbas@dsu.edu.in)

## **Biotechnology student's club WATSON AND CRICK** **STUDENT'S CLUB Inauguration**

On the 6th of April, 2022, the Department of Biotechnology, SBAS, DSU, organized the inauguration of the Biotechnology student's club, 'WATSON AND CRICK STUDENT'S Club'. Dr. Tara Jairam, Ex- VP of Biocon Biologics Pvt. Ltd., the guest of honour of this esteemed event inaugurated the student club. In this endeavour she was joined by the other dignitaries, Dr. Ravishankar, Dr. V Krishnamurthy and Dr. Sunil S More. This was followed by valuable advice by all the dignitaries to all the students.

The Student club inauguration was coupled with a poster presentation competition, 'Fervere', which was inaugurated by Dr. V Krishnamurthy and Dr. Sunil S More.

As a first activity under the student club A seminar on "**Quality Assurance and Quality Control**" has been organised. Dr. Tara Jairam, the chief Guest, delivered a lecture which provided the students some insight on, the principles, activities, goals and importance of QA and QC. A total of 156 PG and UG students have attended the lecture.

The session concluded with a valedictory ceremony for the Poster presentation competition, 'Fervere'. Five groups of students were awarded, best poster, in order to encourage the students in their further endeavours. The intention of setting up a student club is to create a platform where the students can learn, interact and put forth their ideas and discuss the same, so as to escalate the progress of the discipline of Biotechnology, and to upsurge their own understanding. So that they can some day be capable enough to contribute to the world, as much as, Watson and Crick did.



## **Students club of Microbiology department – MICRO CLUB SIELLA**


Microbiology Student's club inauguration was commenced with Association of Microbiologist India (AMI), Bengaluru chapter on 31<sup>st</sup> May 2022. The invited guest speaker Dr Nagarathna S, HOD, Department of Microbiology, National institute of Mental Health and Neurosciences (NIMHANS), Bengaluru had inaugurated the Microbiology Student's club named as "**Micro Club Siella**".

To make students aware of science and the scientific world, the students are helped and encouraged to come up with their concepts and skills to organize activities/scientific exhibitions/ lectures/talks and conferences etc.


As a first event under the club a seminar on "**Molecular Detection methods for various pathogens**" was organised. The Guest of honour, Dr Nagarathna S, had delivered a lecture. The number of students gracing the occasion was high with 130 from all the departments of PG. The talk was very informative to the students and made them aware of the medical microbiology aspects with the present covid conditions.



## Invitation of Biochemistry Student's club Inauguration and a Guest Lecture



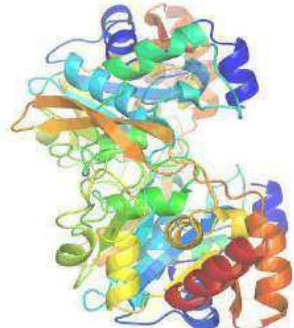
**INVITATION**



**Dayananda Sagar University**  
**School of Basic and Applied Sciences**  
**Department of Biochemistry**

Cordially invites you to the  
*Inauguration ceremony of*

**THE BIOCHEMISTRY STUDENT CLUB**



**GUEST SPEAKER**  
**Dr H G Nagendra**  
**Professor & HOD**  
Department of Biotechnology  
Sir M Visvesvaraya Institute Of Technology,  
Bangalore 562157

**Title: "3D structure elucidation of biomolecules  
via X-ray Crystallography"**

**Date:** 23<sup>rd</sup> April 2022  
**Time:** 10am-1pm  
**Venue:** C.D. Sagar Auditorium

**COORDINATOR**  
**Dr. Sunil S. More**  
Professor and Dean  
SBAS, DSU

**ADVISOR**  
**Dr. V. Krishna Murthy**  
Research Professor  
SBAS, DSU

**ORGANISING COMMITTEE**  
Dr. Aneesa Fasim  
Dr. Ganapati Bhat  
Dr. Arpi Dey  
Dr. Bhavya J  
Dr. Lavanya P

## **Biochemistry Student Club-BIOCHIMICA CLUB** **Inauguration**

The main aim of this club is to provide a platform for students that will enrich the learning experience and provide opportunities to students to build valuable skills. Through this club we plan to organize guest lectures, poster presentations, workshops, other events and meetings throughout the academic year

Department of Biochemistry, SBAS, DSU inaugurated its first student club called “BIOCHIMICA CLUB” on 23<sup>rd</sup> April 2022 at C D Sagar auditorium from 10am to 1 pm. Dr. H G Nagendra, the guest of honour unveiled the club logo. Dr. Sunil S More, Dean DSU welcomed the guests and started the ceremony followed by messages to students from Dr. V Krishna Murthy and Dr. Ravishankar G.

Under the student club a seminar on “3D structure elucidation of biomolecules via X-ray crystallography” has been organised. The seminar was addressed by Dr. H G Nagendra, The Chief Guest of the event. A total of 72 Biochemistry PG and UG students have attended the lecture.





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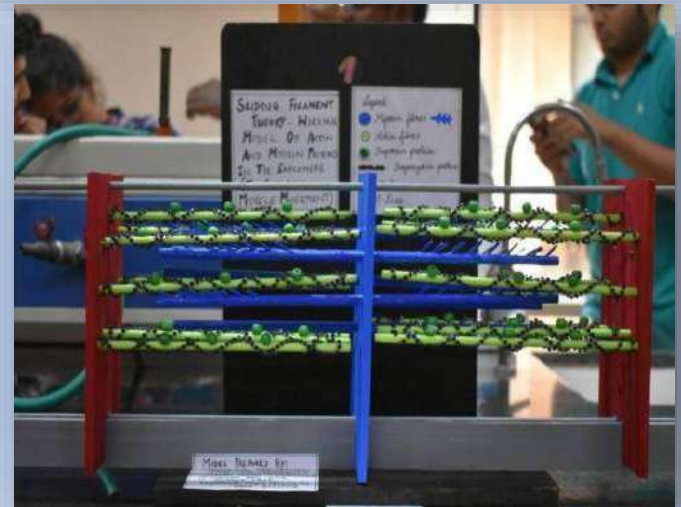


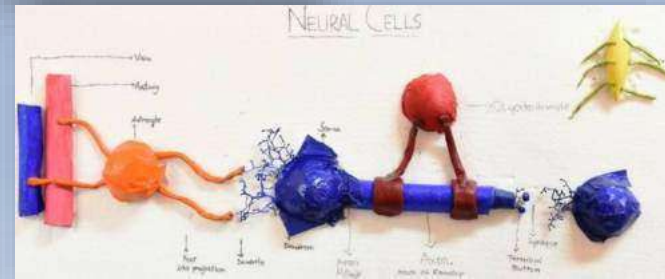
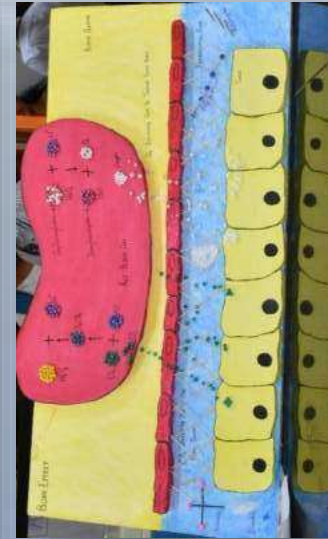
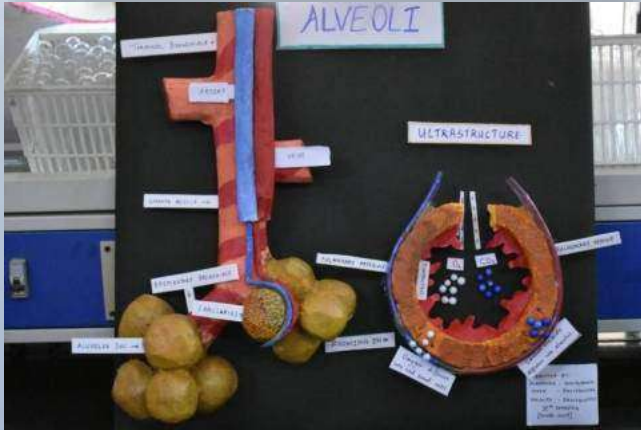
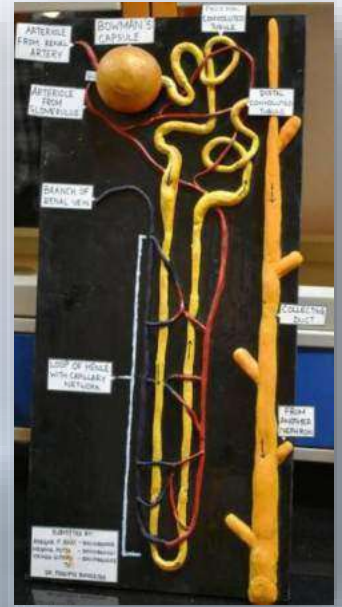
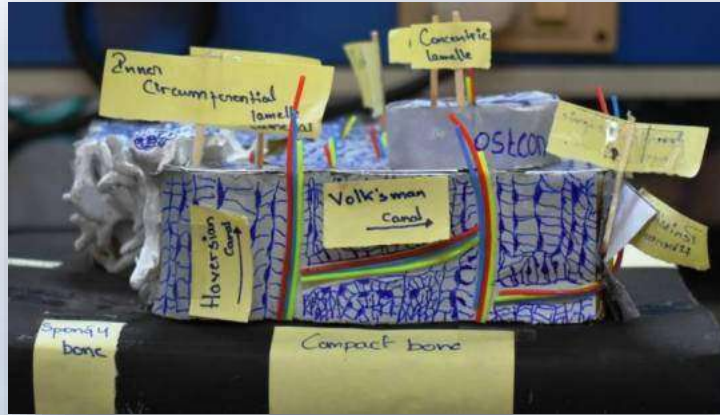
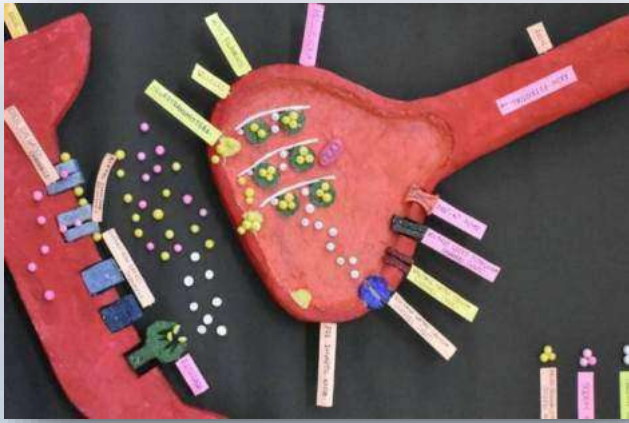
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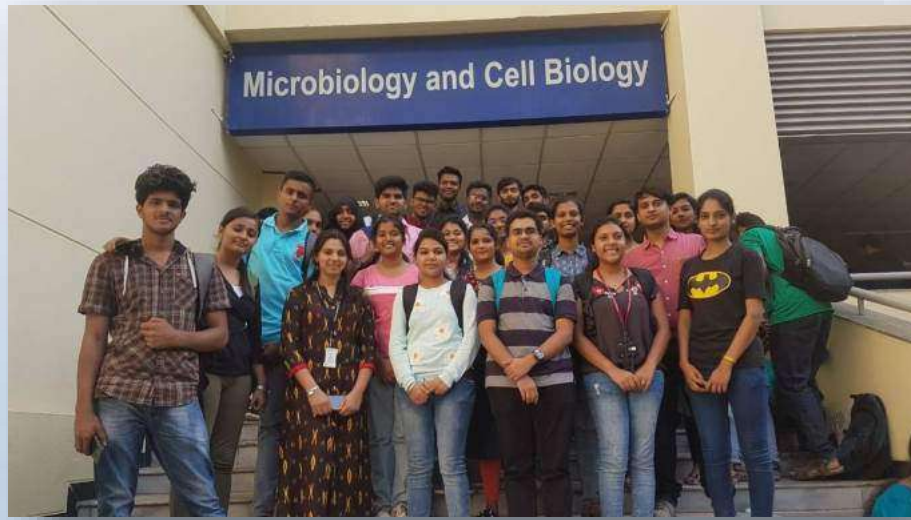


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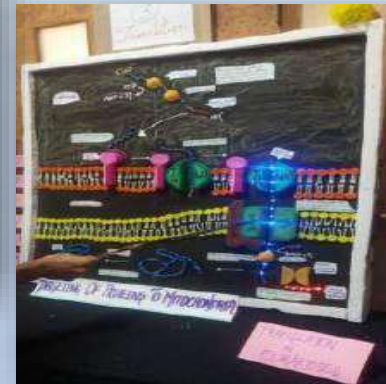
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**Students intently describe the scientific thoughts**



**Model building is learning and team work**



**Certificates of participation given by Dean**



**Participant group picture**

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