



OBJECTIVES

- 1- To provide high knowledge and research abilities.
- 2- To further develop various techniques in applied fields of microbiology.
- 3- To provide skills in order creative power and capabilities among the students.
- 4- To encourage and support the dissemination of knowledge in the private sector institutes.
- 5- To promote co-operation between government organizations and the private sector in order to develop the manpower with high technology.
- 6- To prepare the students with basic knowledge in clinical, immunological, biochemical techniques in order to continue their studies in a higher degree.

The Department of Microbiology offers admissions newly introduced specialization “Industrial Microbiology” from the academic session (2010) and will soon launch M.Phil. / MS program to promote high-quality curricular and co-curricular activities and encourage the output by:

- Organizing interdisciplinary discussions to promote the exchange of knowledge, skills and ideas.
- Developing research networks that link together researchers with shared interests to disseminate knowledge and develop innovative new research.
- Providing research intelligence, finding collaborators.
- Disseminating knowledge to wider audiences by promoting the group discussions, seminars.
- Promoting opportunities for interdisciplinary postgraduate education in various fields of microbiology.
- Showcasing academic and research facilities, skills and expertise in the region in particular and in country in general.

Dear Colleagues,

The Department of Microbiology was established in 1995-96 to develop indigenous manpower experts and to increase the employment status of qualified students in the various fields of Microbiology. Previously this department was running in the building of the institute of plant sciences but from 2008 it is shifted to its new building with the new trends in the academic status and offers four years BS program. Microbiology is an exceptionally broad discipline encompassing specialties. The main objectives are to provide high knowledge and research abilities, to further develop various techniques in applied fields of microbiology, to provide skills in order creative power and capabilities among the students, to encourage and support the dissemination of knowledge in the private sector institutes, to promote co-operation between government organizations and the private sector in order to develop the manpower with high technology, to prepare the students with basic knowledge in clinical, immunological, biochemical techniques in order to continue their studies in a higher degree.

The 2nd National Symposium on Microbiology with the theme “*New trends and advancement in Microbiology*” is one of the successful events of the Department of Microbiology, which not only attracts the senior scientists, academicians, industrialists but it would be the gateway for young budding scientists to explore their recent achievements for the advancement in Microbiology. This Department will also organize two “**Bio-Safety and Biosecurity Workshop**” in collaboration with Bio-Safety Association of Pakistan and Pakistan Society for Microbiology.

All the eminent scientists and scholars are cordially invited to participate in the symposium-2010. We'll look forward to hear from you and welcome you at Jamshoro, Sindh.

Thanks

DR. AGHA ASAD NOOR
Incharge
Department of Microbiology
&
Organizing Secretary
(SNSM-2010)
Department of Microbiology
University of Sindh
Jamshoro



DEPARTMENT OF MICROBIOLOGY, UNIVERSITY OF SINDH, JAMSHORO

2nd National Symposium On Microbiology

(New Trends and Advancement in Microbiology)

&

Biosafety and Bio-Security Workshop

**in collaboration with Bio-Safety Association of Pakistan & Pakistan Society for Microbiology
&**

the Institute of Plant Sciences, University of Sindh, Jamshoro

MARCH 18-20, 2010

This event not only focuses the single discipline but interacts the multidisciplinary scientists including

- 1. Clinical Microbiology & Pathology**
 - 2. Microbial Enzyme Technology**
 - 3- Immunology & Infectious Diseases**
 - 4- Industrial Microbiology**
 - 5- Environmental Microbiology**
 - 6- Soil & Agriculture Microbiology**
 - 7- Applied Biotechnology**
 - 8- Molecular Biology & Genetic Engineering**
 - 9- Food & Dairy Microbiology**
 - 10- Pharmaceutical Microbiology (Antibiotics, vaccines)**
 - 11- Veterinary Microbiology & Zoonotic Disease Epidemiology**
- 2- The organizing committee comprises of faculty members of various Departments / Institutes of Sindh University and the faculty of others Universities, which would open the new chapter for collaboration of both Universities in future.
 - 3- It will provide high knowledge and research abilities to the young scientists.
 - 4- It will develop the learning of various techniques in applied fields of microbiology.
 - 5- It will develop skills, creative power and capabilities for future development in R & D.
 - 6- It will promote co-operation between government organizations and the private sector in order to develop the manpower with high technology.
 - 7- It will promote high-quality curricular activities and encourage the young scientists for interdisciplinary exchange of knowledge and ideas, developing linkage with researchers for innovative new research, finding collaborators, promoting opportunities for interdisciplinary postgraduate education, showcasing academic and research facilities, skills and expertise in the region in particular and in country in general.

GENERAL ARRANGEMENTS

A)- ACCOMODATION

Accommodation to the guest participants will be provided at different hotels of Hyderabad city, guest house, foreign faculty hostel and youth hostel.

B)- TRANSPORTATION

Two vehicles will be provided to pick participants from Karachi and Hyderabad Airports, Railway Stations Coach stands etc. Two buses will also be required for daily pick & drop service.

C)- FOOD

Participants will be provided accommodations and food (break fast, lunch and dinner) including tea on their arrival and during symposium.

D)- LOCAL FACILITIES AVAILABLE

- | | | |
|----|--|---------------|
| 1- | Local computer facility for participants | 04 no. |
| 2- | Over head projector | 02 no. |
| 3- | Multimedia system | 02 no. |

E)- VENUE

(A)- Inauguration

Auditorium,
Department of Microbiology

(B)- Daily sessions

Auditorium & Seminar Hall
Department of Microbiology
University of Sindh, Jamshoro

CENTRAL ORGANIZING COMMITTEE

1- Patron -in- Chief

PROF. DR. NAZIR A. MUGHAL
Vice Chancellor, University OF Sindh, Jamshoro

2- Co-Patron:

PROF. DR. RAFIA SHAIKH
Pro-Vice Chancellor, University of Sindh, Jamshoro

3- Patron

PROF. DR. MUHAMMAD TAHIR RAJPUT
DEAN
Faculty of Natural Sciences, University of Sindh, Jamshoro

4- **Organizing Secretary:**

**DR. AGHA ASAD NOOR
(INCHARGE)**
Department of Microbiology
University of Sindh
Jamshoro

5- **Coordinator**

PROF. DR. BASEER A. ARAIN
Institute of Plant Sciences
University of Sindh
Jamshoro

6- **Advisory & Scientific Committee (SNSM-2010)**

Prof. Dr. Shaikh Aijaz Rasool	University of Karachi, Karachi
Prof. Dr. Shahana Urooj Kazmi	University of Karachi
Prof. Dr. Shakeel Babar	University of Balochistan, Quetta
Dr. Muhammad Azam Kakar	Livestock Department, Quetta
Prof. Dr. Fariha Hassan	Quaid-i-Azam University, Islamabad
Prof. Dr. M. Umer Dahot	University of Sindh Jamshoro
Prof. Dr. M. Iqbal Bhanghar	University of Sindh Jamshoro
Prof. Dr. Yasmeen faiz Kazi	S. A. L. University, Khairpur
Prof. Dr. Nisar Ahmed Kanher	S. A. L. University, Khairpur
Mr. Abdul Sattar Porgar	University of Sindh, Jamshoro

6- **Transport & Accommodation Committee**

MR. ABDUL SATTAR PORGAR	Convener
Mr. Muhammad Aqeel Bhutto	Member
Mr. M. Rafiq	Member
Mr. Abdul Nabi Jatt	Member

7- **Finance Committee**

DR. AGHA ASAD NOOR	Convener
Mr. Mushtaq A. Memon (Dir. Finance)	Member
Dr. Allah Bux Ghanghro	Member

- 8- **Food Committee**
- | | |
|-------------------------------|-----------------|
| MR. ABDUL NABI MIRJATT | Convener |
| Ms. Rabia Khan | Member |
| Ms. Kainat Feroz | Member |
| Mr. Shahid Ahmed Shaikh | Member |
| Mr. Zeb Rehman Jamali | Member |
| Mr. Abdul Shakoor Tunio | Member |
- 9- **Refreshment Committee**
- | | |
|-------------------------------|-----------------|
| MR. NAZEER AHMED BROHI | Convener |
| Ms. Munazza Sharif | Member |
| Mr. Amjad Mughal | Member |
| Mr. Abdul Shakoor Tunio | Member |
| Ms. Hira Saleem | Member |
| Ms. Sobia Khan | Member |
- 10- **Registration and Reception Committee**
- | | |
|---------------------------|-----------------|
| MISS NIMRTA KUMARI | Convener |
| Ms. Shagufta Jabeen | Member |
| Ms. Faryal Khushk | Member |
| Ms. Mehveen Rafiq | Member |
| Ms. Kainat feroz | Member |
| Ms. Rabia Khan | Member |
| MR. SUKHYO MAL | Convener |
| Mr. Saeed Abro | Member |
| Mr. Nazeer Ahmed Brohi | Member |
| Mr. Amjad Mughal | Member |
| Ms. Nida Majeed | Member |
| Ms. Mawara Sarfaraz | Member |
| Ms. Nida Izhar | Member |
- 11- **Hall Management Committee**
- | | |
|---------------------------------|-----------------|
| DR. MUKHTIAR AHMED MAHAR | Convener |
| Mr. Shahid Hussain Shaikh | Member |
| Mr. Arshad Leghari | Member |
| Ms. Munazza Sharif | Member |
| Ms. Sana Khan Qaimkhani | Member |
| Ms. Aliza Mazher | Member |
- 12- **Publication Committee**
- | | |
|--------------------------------|-----------------|
| MS. FARYAL AHMED KHUSHK | Convener |
| Dr. Agha Asad Noor | Member |
| Mr. Nouroz Brohi | Member |
| Ms. Maira Viqar | Member |

PROGRAM (Final schedule)

❖	Abstract submission up to.....	10 th	Feb.	2010
❖	Registration & Accommodation forms.....	10 th	Feb.	2010
❖	Publications up to	05 nd	March.	2010

REGISTRATION FEE

1-	Academicians / Teachers / Scientists	PKR	2000-00
2-	M.Phil. / Ph.D. students	do	1500-00
3-	Industrialists	do	3000-00
5-	Accompanying person	do	2000-00
6-	Foreign participant (if any)	US\$	80-00
	<i>(including registration, accommodation, meals, free pick & drop from Airport and workshop fee).</i>		
7-	Workshop fees (for Pakistani participants)	PKR	300-00 (Extra)



DEPARTMENT OF MICROBIOLOGY, UNIVERSITY OF SINDH, JAMSHORO

2nd National Symposium On Microbiology

(New Trends & Advancement In Microbiology)

&

Bio-Safety & Biosecurity Workshop

MARCH 18-20, 2010

Registration form

1- Name of the candidate _____

2- Status (pl. tick) **Academician, Industrialist, Scientist, Student**

3- Department _____

4- Address _____

5- **Contacts** Office _____ Cell _____

Emails _____

6- Participation / Attendance _____

7- Title of presentation/s.

8- **DO YOU WISH TO ATTEND BIOSAFETY WORKSHOP YES / NO**

Registration fee 2000-00
Workshop fee 300-00
Students 1500-00

Signature of the participant _____



Biological Safety Association of Pakistan

COMPLIMENTARY MEMBERSHIP OF BSAP

Dear Colleague,

We are pleased to inform you that in one of our recent meetings, BSAP (Affiliated with PSM) has decided to offer complimentary two years membership (2008 & 2009) to all those who attended Biosafety and Biosecurity Training Workshop in March 2007 during SIBC-2007 held in Islamabad, National Biosafety and Biosecurity Hands-on Training in June 2007 held in Islamabad and later in Karachi and Atlanta-USA under the auspices of Pakistan Society for Microbiology (PSM). In order to nominate the members of BSAP for various Training Programs being organized in Pakistan and other countries, we have to maintain an updated database of our members. I therefore, request you to fill in the enclosed form and send it to us. If you have any query, feel free to contact Prof. Dr. Shahana Urooj Kazmi (shahanaurooj@yahoo.com) or the undersigned.

With Regards,
Sikandar K. Sherwani
Coordinator-BASP
Cell Phone: 0333-3780773
Email: sikander_biology@hotmail.com

BIOLOGICAL SAFETY ASSOCIATION OF PAKISTAN

**Department of Microbiology – University of Karachi
Karachi – 75270 – Pakistan**

The Organization

- **Biological Safety Association of Pakistan – (BSAP)** is a non- profit organization that is an affiliate of PSM, the leader in the profession of biological safety which was established in 1974 .As a result of various International Biosafety and Biosecurity Training Programs, organized during SIBC- 2007, National Hands–on Training Workshop in Islamabad and later in Karachi and Atlanta- USA under the auspices of Pakistan Society for Microbiology (PSM), some of the Biosafety Professionals worked out to launch an association under the flag of PSM to address the Biosafety issues at different levels. Thus, **BSAP** was launched in a meeting of local area members of Biosafety professionals working in various institutions of Pakistan, with interest in the safety of research using microorganisms and recombinant DNA.
- This organization benefits from the unique knowledge base found in Karachi - the metropolitan city of Pakistan which is host to many universities , private and public sector research centers and biotechnology related businesses of all sizes.
- BSAP is dedicated to expanding biological safety awareness to prevent adverse occupational illness and adverse environmental impact from infectious or biologically derived materials / biohazards.

Biological Safety Association of Pakistan Goals:

- a. Foster and promote professional and public awareness of biological safety through effective communication
- b. Participate in the development of national and international biological safety Standards, guidelines and regulations
- c. Interact with ABSA to help advance biological safety as a scientific discipline through education , research and training and to maintain standards for biological safety professionals
- d. Serve as recognized resource for professionals and scientific expertise in biological safety and security .

BSAP – ACTIVITIES :

1. Organize monthly / quarterly seminar meetings featuring speakers addressing current topics of interest to membership , attendance outside of the membership will be encouraged
2. Arrange local tours for the members to provide them an opportunity to visit local facilities featuring state of the art technology applicable to maintain biosafety and biocontainment

3. Provide local forums to share biological safety information and to represent the interests of persons involved with biological safety within its membership and with members of other organizations
4. Arrange for participation of members in conferences / training courses organized by BSAP / ABSA and other international biosafety organizations

Types of Membership:

Individual Member : Any person with Postgraduate qualification and an interest in Biological Safety shall be eligible for Individual Membership. Individual Members shall be eligible to vote , to hold office , to serve on committees and to enjoy other rights of association.

Student Member : A graduate /post- student with interest in Biological Safety shall be eligible for Student Membership. Student Members shall not have the right to vote or hold elective office .

Corporate Member: Any organization / company with interest in Biological Safety shall be eligible for Corporate Membership. Corporate members will be eligible to vote, hold office , serve on committees and present literature or appropriate displays at BSAP meetings.