

CURRICULUM VITAE

Name: **Dr. ALEENA SUMRIN**

Designation: Research officer

Email: asumrin@gmail.com
asumrin@yahoo.com

PRESENT POSITION:

Jun 1996-May 2000 Assistant research officer

June 2000 – to date Research Officer, Centre for Applied Molecular Biology, University of the Punjab, 87-West Canal Bank Road, Thokar Niaz Baig, Lahore, Pakistan.

ACADEMIC QUALIFICATIONS:

2012 Short postdoctoral training from Roslin institute, Veterinary institute, University of Edinburgh, UK.

2008 Ph.D in Molecular Biology, CEMB, University of the Punjab, Lahore
Thesis Title: *Genetic improvement in a local Bacillus strain to enhance production of α -amylase.*

1994 - 96: M.Sc in Chemistry/Bio-chemistry, University of the Punjab, Lahore, Pakistan. (Ist Div.)

1990 - 92: B.Sc., Lahore College for women, University of the Punjab, Lahore Pakistan. (Ist Div.)

1988 – 90 F.Sc in Pre-medical, Lahore College for women, Lahore Board.
(Ist Div.)

1987 Matric in Science, Lahore Board, Lahore.
(Ist Div.)

EXPERIENCE

Since 1996- todate

Research and teaching in Microbiology, Molecular biology, Cell biology, Biochemistry and Infectious diseases

HONORS

Award of HEC indigenous Ph.D fellowship in 2001.

HEC approved supervisor

Award of Charles Wallace visiting fellowship 2011-12 for research training in UK.

ACHIEVEMENTS:

- Modified local *Bacillus* strain for the high yield of α -amylase.
- Development of Fungal/Bt biopesticide
- Optimized dengue diagnosis in local population through PCR

PUBLICATIONS:

1. Ahmad Ali Shahid, Idrees Ahmad Nasir, Ahmad Usman Zafar, **Aleena Sumrin**, Bushra Chaudhary and Sheikh Riazuddin. 2003. The Use of CAMB Biopesticides to Control Pests of Rice (*Oryza Sativa*). Asian Journal of Plant Sciences. 2(15-16): 1079-1082.
2. HCV 3a viral sequence data in Gen Bank with following accession numbers
HM135516
HM135517
HM135518
HM135519
HM135520
3. **Aleena Sumrin**, Waqar Ahmad*, Bushra Ijaz, Muhammad Tahir Sarwar, Sana Gull, Humera Kausar, Imran Shahid, Shah Jahan, Sultan Asad, Mureed Hussain and Sheikh Riazuddin. Purification and medium optimization of alpha amylase from Bacillus Subtilis168. African Journal of Biotechnology Vol. 10(11), pp. 2119-2129, 14 March, 2011
4. Waqar Ahmad, Bushra Ijaz, Sana Gull, Sultan Asad, Shah Jahan, Saba Khaliq, Muhammad T Sarwar, Humera Kausar, **Aleena Sumrin**, Imran Shahid and Sajida Hassan A brief review on molecular, genetic and imaging techniques for HCV fibrosis evaluation. VirologyJournal. 2011, 8:53. Doi: 10.1186/1743-422X-8-53.
5. Muhammad Ilyas, Sultan Asad, Liaqat Ali, Masaud Shah, Sadaf Badar, Muhammad Tahir Sarwar and **Aleena Sumrin**. A situational analysis of HIV and AIDS in Pakistan. Virology Journal 2011, 8:191 doi: 10.1186/1743-422X-8-191.
6. Waqar Ahmad, Bushra Ijaz, Fouzia T Javed, Sana Gull, Humaira Kausar, Muhammad T Sarwar, Sultan Asad, Imran Shahid, **Aleena Sumrin**, Saba khaliq, Shah Jahan, Asim Perwaiz and Sajida Hassan. A comparison of four fibrosis indexes in chronic HCV: development of new fibrosis, cirrhosis index (FCI). *BMC Gastroenterology* 2011, **11**:44 doi:10.1186/1471-230X-11-44
7. Muhammad T Sarwar, Humera Kausar, Bushra Ijaz, Waqar Ahmad, Muhammad Ansar, **Aleena Sumrin**, Usman A Ashfaq, Sultan Asad, Sana Gull, Muhammad Ilyas, Imran Shahid and Sajida Hassan. NS4A

protein as a marker of HCV history suggests that different HCV genotypes originally evolved from genotype 1b *Virology Journal* 2011, 8:317 doi:10.1186/1743-422X-8-317

8. **Bushra Ijaz^{1†}, Waqar Ahmad^{1†}, Fouzia T Javed², Sana Gull¹, Muhammad T Sarwar¹, Humera Kausar¹, Sultan Asad¹, Shah Jahan¹, Saba Khaliq¹, Imran Shahid¹, Aleena Sumrin¹ and Sajida Hassan^{1*}** Association of laboratory parameters with viral factors in patients with hepatitis C. *Virology Journal* 2011, **8**:361 doi:10.1186/1743-422X-8-361
9. Shah Jahan, Saba Khaliq, Nadeem Afzal, Ghulam Mujtiba, Waqar Ahmad, Bushra Ijaz, Aleena sumrin, Usman Ali Ishfaq, Sajida Hassan. Regulation of Apoptosis by HCV. *IJAVMS*. 2011; 5(4): 438-443. doi:10.5455/ijavms.20110810073204
10. Resistance of Polio to its Eradication in Pakistan. Masaud Shah, Muhammad Kazim Khan, Saleha Shakeel, Faiza Mahmood, Zunaira Sher, Muhammad Bilal Sarwar, Aleena Sumrin*. *Virology Journal* 2011, **8**:457 doi:10.1186/1743-422X-8-457