

CURRICULUM VITAE



PERSONAL INFORMATION

Name *Buriev Zabardast Tojibaevich*

Home address *Pushkina-Salar st. 3 – 38, Tashkent, 100000, Uzbekistan.*

Telephone *(998 71) 2691832 office
(998 71) 2681794 home*

E-mail *Zabar75@yahoo.com*

Date of birth *07/26/1975*

Place *Tashkent*

Marital status *Married*

WORK EXPERIENCE

Dates (from – to) *2003 -present*
Name of employer *Institute of Genetics and Plants Experimental Biology of the Academy of Sciences of Republic of Uzbekistan, Kibray region, Yukori-Yuz. 111226 Tashkent, Uzbekistan*

Occupation or position held *Scientific Researcher*
Main activities and responsibilities *DNA isolation and cloning, sequencing, PCR, RT-PCR, plant transformation.*

Dates (from – to) *1997-2003*
Name of employer *Institute of Genetics and Plants Experimental Biology of the Academy of Sciences of Republic of Uzbekistan, Kibray region, Yukori-Yuz. 111226 Tashkent, Uzbekistan*

Occupation or position held *Senior Researcher*

EDUCATION AND TRAINING

Dates (from – to) *May 2005-May 2006*
Name and type of organization providing education and training *Molecular biology laboratory of USDA-ARS at Mississippi, USA*
Principal subjects/occupational skills covered *Advanced training on molecular biology*

Dates (from – to) *September-October 2004*
Name and type of organization providing education and training *4 FAO/IAEA Interregional training course. Agriculture and Biotechnology Laboratory Seibersdorf, Austria*
Principal subjects/occupational skills covered *Mutant germplasm characterization using molecular markers*

Dates (from – to) *1992 -1997*

Name and type of organization providing education and training

*Biotechnology Department of Biology Faculty,
Tashkent State
University.*

Principal subjects/occupational skills covered

*Graduated from Biology, **Diploma thesis:**
“Cloning cotton DNA sequences homological to
chitinase gene”.*

SCIENTIFIC DEGREES

Dates

2005

Title

*Ph.D. in Molecular Genetics [Institute of
Genetics and Plants Experimental Biology of the
Acad.Sci.Uzb.] **Ph.D. Thesis:** “Molecular
mapping of loci linked with fiber initiation and
development in cotton *Gossypium hirsutum* L.
using microsatellite markers”.*

PERSONAL SKILLS AND COMPETENCES

LANGUAGES

Reading skills

English

Writing skills

Excellent

Verbal skills

Excellent

Excellent

Reading skills

Russian

Writing skills

Excellent

Verbal skills

Excellent

Excellent

Reading skills

Uzbek

Writing skills

Excellent

Verbal skills

Excellent

Excellent

TECHNICAL SKILLS and competences

*Competent with most Microsoft computer
software and software on molecular genetics*

REFERENCES

Professor I. Abdurakhmonov

*Institute of Genetic and Experimental Plant Biology, Academy
of Science of the Republic of Uzbekistan, Kibray region,
Yukori-Yuz, 111226 Tashkent, Uzbekistan, +998 (71) 2691832
genomics@uzsci.net, ibrokhim_a@yahoo.com*

Sukumar Saha

*USDA-ARS, Crop Science Research Laboratory, 810
Highway 12 East Mississippi State, MS, 39762, USA
(662) 320-7414, Sukumar.Saha@ars.usda.gov*

PUBLICATIONS

1. Buriev Z.T. S. Saha Shermatov Sh Jenkins J.N., Abdulkarmov A. Stelly D.M., Abdurakhmonov I.Y. Molecular evolution of the clustered MIC-3 multigene family of *Gossypium* species. *Theor. Appl. Genetics*: 2011 123:1359-1373
2. Buriev Z.T., S. Saha. Abdurakhmonov I.Y., Jenkins J.N., Abdulkarmov A., Scheffler B.E., Stelly D.M. Clustering, haplotype diversity and location of *MIC-3*: a unique root-specific defence-related gene family in Upland cotton (*Gossypium hirsutum* L.) *Theor. Appl. Genet.* – 2010. 120:587–606
3. Abdurakhmonov I.Y., Buriev Z.T., Logan-Young C.J., Abdulkarimov A., Pepper A.E. Duplication, divergence and persistence in the Phytochrome photoreceptor gene family of cottons (*Gossypium* spp.). *BMC Plant Biol.* 2010 Jun 20;10:119.
4. Eric J. Devor, Abdurakhmonov Ibrokhim, Mark Zlojutro, Meredith P. Millis, Jessica J. Galbraith, Michael H. Crawford, Shukhrat Shermatov, Zabardast Buriev, Abdusattor Abdulkarimov. Gene Flow at the Crossroads of Humanity: mtDNA Sequence Diversity and Alu Insertion Polymorphism Frequencies in Uzbekistan // *The Open Genomics Journal*. – New York, 2009. -No 2. – P. 1-11.
5. Abdurakhmonov I.Y., Saha S., Jenkins J.N., Buriev Z.T., Shermatov S.E., Scheffler B.E., Pepper A.E., Yu J.Z., Kohel R.J., Abdulkarimov A. Linkage disequilibrium based association mapping of fiber quality traits in *G. hirsutum* L. variety germplasm // [Genetica](#). – Berlin, - 2008.
6. Abdurakhmonov I.Y., Devor E.J., Buriev Z.T., Huang L., Makamov A., Shermatov S.E., Bozorov T., Kushanov F.N., Mavlonov G.T., Abdulkarimov A. Small RNA regulation of ovule development in the cotton plant, *G. hirsutum* L. // *BMC Plant Biol.* – New York, 2008. – No 8(1):93.
7. Abdurakhmonov I.Y., Buriev Z.T., Saha S., Pepper A.E., Musaev J.A., Almatov A., Shermatov S.E., Kushanov F.N., Mavlonov G.T., Reddy U.K., Yu J.Z., Jenkins J.N., Kohel R.J., Abdulkarimov A. Microsatellite markers associated with lint percentage trait in cotton, *Gossypium hirsutum* // *Euphytica*. – Berlin, 2007. - No 156. – P. 141-156.
8. Abdurakhmonov I.Y., Kushanov F.N., Djaniqulov N., Buriev Z.T., Pepper A.E., Fayzieva N., Mavlonov G.T., Saha S., Jenkins N.J., Abdulkarimov A. The Role of Induced Mutation in Conversion of Photoperiod Dependence in Cotton // *J. Hered.* – Oxford, 2007. - No 98. – P. 258–266.
9. Abdurakhmonov I.Y., Abdullaev A.A., Saha S., Buriev Z.T., Arslanov D., Kuryazov Z., Mavlonov G.T., Rizaeva S.M., Reddy U.K., Jenkins J.N., Abdullaev A. Abdulkarimov A. Simple sequence repeat marker associated with a natural leaf defoliation trait in tetraploid cotton // *J. of Hered.* – Oxford, 2005. - No 96 (6). – P. 644-653.