

# SCIENCE AND CULTURE

A JOURNAL OF NATURAL AND CULTURAL SCIENCES

SEPTEMBER-OCTOBER 2004/VOLUME 70/NOS. 9-10

PUBLISHED BY THE  
**INDIAN SCIENCE  
NEWS ASSOCIATION**

**EDITORIAL BOARD**

S. C. Roy  
**Editor-in-Chief**  
Amalendu Bandyopadhyay  
Julie Banerji  
Syamal Chakraborty  
N. C. Datta  
Amit Krishna De  
Vinod Kumar Gupta  
Samarjit Kar  
R. K. Mandal  
N. D. Paria

**COLLABORATORS**

S. Aditya  
Amiya Bagchi  
B. B. Biswas  
R. N. Chatterjee  
D. P. Chattopadhyay  
Mihir Chowdhury  
D. P. Duary  
D. Ganguli  
S. K. Ghaswala  
Irfan Habib  
A. K. Hati  
S. B. Karmohapatro  
Balaram Majumdar  
C. H. Meheta  
A. S. Mukherjee  
Biswapati Mukherjee  
S. K. Mukherjee  
S. P. Mukherjee  
R. P. Purkayastha  
P. K. Ray  
Parimal Sen  
S. P. Sen  
S. P. Sengupta

**EDITORIAL**

Bringing Science to the Masses  
— S. C. Roy ... 293

**ARTICLES**

An Introduction into Indications, Biochemical Structure and Gene Sequence of Recombinant Human Granulocyte Colony Stimulating Factor (rHU-GCSF)  
— Chiranjib Chakraborty, Atanu Bhattacharyya, Tarun Kumar Gupta, Sudip Kumar Banerjee and Arunava Goswami ... 295

Edible Vaccines : Vaccination Via Food Stuff  
— Lakshyadeep, Lata Choudhary and S. S. Sinha ... 300

Transgenic Crops and Biosafety Concerns  
— Gurinder Jit Randhawa and Manisha Mangal ... 305

**SCIENCE COMMUNICATION**

A Brief Report of the XVIIIth Training Programme on Science Communication and Media Practice-2004  
— Dipak Kumar Saha ... 319

XVIIIth Training Programme on Science Communication and Media Practice 2004 ... 312

Anatomy of Environment – A Look for a New Outlook in Ecology  
— N. C. Datta ... 316

Diet Therapy in Diabetes Mellitus  
— P. S. Chatterjee ... 320

Need of Broadcasting Science  
— Manas Pratim Das ... 326

Futurology : Meaning, Implications and Role  
— Samarjit Kar ... 327

Contd. next page.



Indian Science News Association

**President**

Dr. A. P. Mitra

**Vice-Presidents**

Professor Sujit Kumar Basu

Professor B. B. Biswas

Professor (Mrs.) Asima Chatterjee

Professor Nityananda Saha

Professor M. Siddiqi

Professor M. S. Swaminathan

**Hony. Secretaries**

Professor (Mrs.) Julie Banerji

Professor Naresh Chandra Datta

**Hony. Treasurer**

Professor Amalendu Bandyopadhyay

**Council Members**

Professor (Mrs.) Tapati Basu

Dr. Amitabha Chatterjee

Dr. Amal Roy Chowdhury

Dr. Satya Brata Das Gupta

Dr. S. Dattagupta

Dr. E. Desha

Dr. Dibyendu Ganguly

Dr. H. S. Maiti

Dr. C. R. Maity

Dr. Balaram Majumder

Dr. Sisir Kumar Majumdar

Professor Sudhendu Mandal

Professor Biswapati Mukherjee

Professor Debasish Mukherjee

Dr. Gopeswar Mukherjee

Professor P. K. Ray

Professor Parimal Chandra Sen

Professor S. K. Talapatra

Dynamics of Science Club Movement in West Bengal

— *Sabyasachi Chattopadhyay*

... 328

Biotechnology and Ethics

— *Saurav Majumdar*

... 330

**OBITUARY**

Prof. (Dr.) Ananda Mohan Ghose

— *John Hubbell*

... 333

**NOTES AND NEWS**

... 335

**LETTERS TO THE EDITOR**

Biomass Yield in Response to Fertiliser Amendment in a Tropical Grass, *Cenchrus setigerus*, Sown for Revegetation of Coal Mine Spoil

— *Arvind Singh*

... 343

Soil mixed sclerotia of *Sclerotium rolfsii* produced aethelial stage

— *S. Maurya, J. S. Srivastava and U. P. Singh*

... 345

Evaluation of Grape Cultivars in Doon Valley

— *H. Lal*

... 347

Cover : Transgenic Bt Cotton Ball

*Members of the Editorial Board are also members of the Council*