



events

Edmonton Association for Bright Children

Discovery Group Series – for children in grades 5 through 9

The Discovery Group is geared to Grade 5 to 9 students. Parents are encouraged to attend. These events are open to EABC or AABC members at no charge. EABC memberships will be sold prior to each event.

Biotechnology problem-solving in the real world

Date: Saturday, October 15, 2005
Time: 10 a.m. to 12 noon
Location: University of Alberta, Edmonton (address to be advised)
Cost: There is **no admission charge** for this event, but you must be a current member.

Registration: Contact Leong at:
E-mail: kin.leong@proforma.com or phone 463-1618

To help us plan the activity, please indicate the child's first and last names and age, first and last names of contact parent, contact phone number, and EABC membership status.

Our host will be Sanjeeva Srivastava.

Salinity and drought are some of the most severe environmental factors which limit the productivity of agricultural crops worldwide. In order to further decipher these mechanisms, scientists used proteomics and biotechnology to make a transgenic canola plant which germinated and grew better in harsh saline conditions. This session will describe how we are trying to solve the old problems (such as salinity) using new techniques (proteomics, biotechnology and bioinformatics).

Sanjeeva will show the students some two dimensional gels, and students may participate in few seedling experiments.

Lastly, Sanjeeva will talk about the exciting world of biotechnology and how it could solve real world problems. He hopes to motivate more students to enter this field when they grow up.

The Edmonton Association for Bright Children (EABC) is the Edmonton chapter of the Alberta Associations for Bright Children (AABC). EABC is a volunteer organization of families that provides activities, resources and support for bright children and their families. Membership is open to all.

Please visit our website at <http://www.edmontonabc.org>