

A Club of Science on Molecular Biology and Biotechnology.

Moretti, Lucas; Massocco, Marina M.; Oliveira, Talles H.G.; Oliveira, Márcia R.G.;
Bossolan, Nelma R. S.; Beltramini, Leila M¹

¹ Centro de Biotecnologia Molecular Estrutural (CBME/CEPID/FAPESP), Instituto de Física de São Carlos, Universidade de São Paulo, São Carlos, Brasil;

The Coordination of Education and Dissemination of CBME contributes with the dissemination and the learning of Molecular Biology and Biotechnology. In this direction, and considering the precariousness and lack of science labs in public schools, we took as a goal to elaborate an attractive module of activities for our Science Club, which involves 20 students from 5 public elementary schools in São Carlos. From May to November of 2007, 20 meetings occurred, in which we have proposed practical activities that would awake the interest and the curiosity of the Club members, based on problems, involving subjects as HIV virus and AIDS. Materials of easy access were frequently used in these activities, intending that the students could reproduce the experiments. As a result, they took part in a science gathering in one of the main squares of São Carlos, in order to show some experiments to the local citizens and to their parents. Also, some of the students began to frequent CBME in their free time with the curiosity of learning more on biotechnology and molecular biology. Applying a focus group (interview that was made simultaneously with all the students, leaded by the monitors), we registered comments that confirmed the interest and curiosity awaken by the Club and we could conclude, through the interviews and weekly notes, that not only we have achieved our goal but also that some students increased their science grades at school and presented experiments in science fairs.