Cooperation for health science at school: the experience of a research institute

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After the training sessions, the teachers engaged and challenged their pupils to explore biological concepts by means of real-world examples through the use of PBL and concept cartoons methods. The students played a leading role experimenting self-centered learning/teaching methods, while the teachers were converted into tutors.

Educational paths at school based on active learning methods

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The final meeting at the ISS

In front of a large audience of students coming from other schools and scientists, the pupils gain huge success in presenting, eagerly and passionately, the results of their works at school.

Training of high school teachers

A team coordinated by the Publishing Unit of ISS, composed of researchers, educational experts and high school teachers, has carried out short courses for teachers both on scientific topics and active learning methods.

Educational materials

Educational supplements were published for each Project. These materials cover information not available in standard textbooks and can give teachers an useful support in training science education.

ISS projects of science education

from 2001 with two main objectives: to disseminate cutting-edge biomedical findings to high school science teachers and, through them, to students; to help students develop critical thinking, teamwork and communication skills.