



International Seminar on  
**Ethical Issues in Medical Biotechnologies**

3rd edition

**ETHICAL AND SOCIAL ISSUES  
OF GENOME EDITING**

**Friday, May 31, 2019** *Aula De Ponti*  
From 3 to 6 p.m. *Palazzo Bo - Via 8 Febbraio, 2 - Padova*

**Programme**

- 15.00-15.10: **Opening**  
Corrado Viafora and Giorgio Palù
- 15.10-15.40: **Introduction**  
*The relationship between ethics and research in the era of medical biotechnologies*  
Enrico Furlan and Silvia Tusino
- 15.40-15.55: **Current research developments in genome editing within the DMM**  
*Using CRISPR in basic research: no ethical implications?*  
Graziano Martello
- 15.55-16.10: *Introducing gene editing in the clinic: what ethical issues?*  
Marta Trevisan
- 16.10-16.30: *Suppressing a whole population of insects with CRISPR-Cas9 gene drive: toward genetic manipulation of evolution?*  
Andrea Crisanti
- 16.30-17.15: **Keynote lecture**  
*Genome editing: ethical and social issues*  
Emilia Niemiec
- 17.15-18.00: **Debate**



The advent of CRISPR-Cas9 has created worldwide excitement in the scientific community for its extraordinary potential in various fields. At the same time, some applications of this revolutionary genome-editing technology raise complex ethical and social issues. To discuss these matters and identify responsible ways forward, meaningful interdisciplinary conversations are needed. This international seminar is designed precisely to open up a dialogue between researchers of the Department of Molecular Medicine using CRISPR in their studies and an expert on the related ethical and social issues.

Everyone interested in the topic is welcome to attend and to take part in the debate.

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