



## Open Day Istituto di Genetica Molecolare "Luigi Luca Cavalli-Sforza", via Abbiategrasso 207, 27100 Pavia

*(Entrance and parking from via Ferrata 9A - Istituti Universitari)*

**Saturday 28 September 2019**

***"DNA and RNA: from bases to crime scenes and beyond..."***

The topic of the day will be the genetic information: what it is, what it does and how we can manipulate it to the benefit of our society.

### Programme

*A. Falaschi Lecture Room IGM-CNR*

- 15.00 Arrival and welcome address by the IGM Director Giovanni Maga
- 15.15 Luca Zardoni: "DNA: the cell influencer"
- 15.35 Laura Zannini: "DNA damage: the strength and weakness of cancer"

*Foyer IGM-CNR*

16.00 - 18.00 Group activities

- ✓ In the footsteps of the genes: an interactive tour where attendants can meet the IGM-CNR researchers and learn about:
  - Analysis and manipulation of nucleic acids (RNA/DNA)
  - Analysis and manipulation of proteins
  - Cell culture and microscopical observation of cells and histological samples.
  - Bionformatics and population genetics
 Practical demonstrations will be given with the instruments available in the IGM-CNR laboratories.
- ✓ Lab escape: solve the riddles and find the keys to escape from the lab.  
A biology game for teams of all ages with lots of fun.

18.00 Farewell cocktail (courtesy of ). A take home gadget will be offered to all participants.