

# Programme-specific Intended Learning Outcomes

Our graduates should:

- 1) posses a broad and advanced knowledge of biological processes at the molecular level and of the functioning of living organisms;
- 2) have developed advanced knowledge on, and insight into the applicability of molecular biology to improve human health, animal production or plant production;
- 3) be able to use ICT in data mining, data processing and scientific communication;
- 4) master the practical skills to plan and perform research in molecular biology;
- 5) be able to operate as a member of a multidisciplinary team;
- 6) be able to contribute, through molecular biological research, to solving problems developing countries are facing;
- 7) have developed a critical mind allowing him/her to consider and reflect on known and new theories within the speciality;
- 8) be able to appraise scientific and social aspects of applied molecular biology;
- 9) be able to present personal research, thoughts, ideas, and opinions, both written and orally, to peers and to a general public;
- 10) have acquired the knowledge to contribute to set up nationwide and international cooperations (South-South, South-North);
- 11) be able to disseminate the acquired knowledge in his/her country and region through activities in education and research;
- 12) be aware of ethics in research and publication.