

11-15 September 2023

PhD week

Course of Sciences in Reproduction and Development

Aula Magna IRCCS Burlo Garofolo
via dell'Istria 65/1, Trieste

| | Monday 11 | Tuesday 12 | Wednesday 13 | Thursday 14 | Friday 15 |
|-----------------|--|--|--|--|--|
| 09.30- 13.00 | <p>(10.00) PharmGenHub lectures Branka Zukić: <i>PharmGenHUB in Western Balkan Project - Next Generation Sequencing (NGS) Technology.</i> Nikola Kotur: <i>Bioinformatic preprocessing of NGS data: from raw data to genetic variants - Bioinformatics resources in pharmacogenomics research.</i> Vladimir Gasić: <i>Interpretation of NGS Results: analysis of pharmacogenomics variants</i></p> | <p>(9.30) Presentations of 3rd year students Moderators: Bernardi, Contardo</p> | <p>(9.30) Research methodology Statistical genetics <i>Genome wide association study to understand the biology and to provide opportunities for clinical care of complex genetic diseases</i> Mario Capasso Presentations (2nd year students)</p> | <p>(9.30) Presentations of 1st year students Moderators: Franca, Tommasini</p> | <p>(8.30) Lectures <i>Joint Symposium with Shinshu University Matsumoto, Japan</i></p> |
| 14.30- 17.30 | <p>(14.30) Clinical Seminars Clinical genetics <i>Implementation and use of whole exome sequencing for germline and somatic mutations in cancer</i> Sabrina Giglio <i>PIK3CA/AKT/mTOR at the crossroads of congenital disorders and cancer</i> Nicoletta Resta</p> | <p>(14.30) Seminar of industries Engenome https://www.engenome.com/ Chemicare https://www.chemicare.it/ <i>CIC39: a novel promising small molecule for the treatment of tubular aggregate myopathies and Duchenne muscular dystrophy</i> Beatrice Riva</p> | <p>(14.30) Presentations of 2nd year students <i>Predicting the risk of complex diseases in an Italian population cohort through bioinformatic and machine learning approaches</i> Alessandro Gialluisi Presentations (2nd year students) Moderators: Giroto, Stocco</p> | <p>(14.30) Lectio magistralis Prof. Massimo Zeviani Institute for Maternal and Child Health Burlo Garofolo, Trieste</p> | - |

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