

▶ Two Day Symposium for Molecular Biologists involved in Molecular Pathology Diagnostics and Research

27th European Congress of Pathology

Pathology – breaking barriers in medicine

5 – 9 September 2015

Sava Centar, Belgrade, Serbia



European
Society of
Pathology

MOLECULAR PATHOLOGY FOR MOLECULAR BIOLOGISTS: CURRENT PRACTICE AND FUTURE OPPORTUNITIES

Tuesday, 8 September and **Wednesday, 9 September 2015**

The symposium will be held in association with the 27th European Congress of Pathology, 5 – 9 September 2015 in Belgrade, Serbia.

The symposium will address current practice and future developments of molecular diagnostics within pathology. Unique insights into the practical application of state-of-the-art molecular diagnostics in pathology laboratories will be presented. The symposium will focus on the interests of molecular biologists working in pathology molecular diagnostics.

Topics include:

- ▶ Pitfalls in the use of next generation sequencing (NGS) on tumour tissue
- ▶ Technical aspects of in situ hybridization (ISH) in tissues and cells
- ▶ The potentials and problems of RNAseq in routine diagnostics
- ▶ Pro's and con's of different NGS platforms
- ▶ The challenge of tumour heterogeneity in the prediction of therapy response
- ▶ Issues regarding BRCAness determination in tumour tissue

REGISTRATION FEES

Registration and payment received	by 1 July 2015 EUR	after 1 July 2015 EUR
Two day symposium	150,00	200,00

Tuesday, 8 September 2015

08:30 – 12:00 Current and future application of NGS in routine pathology molecular diagnostics: The Nijmegen experience

Tissue collection, tissue selection, DNA/RNA isolation, NGS panels, NGS platforms, data analysis, bio-informatics pipeline, sensitivity, reporting, storage of data, QC/QA/validation, pitfalls, future perspectives

09:30 – 10:30 Break

14:30 – 17:30 Current and future application of NGS in routine pathology molecular diagnostics: The Graz experience

Tissue collection, tissue selection, DNA/RNA isolation, NGS panels, NGS platforms, data analysis, bio-informatics pipeline, sensitivity, reporting, storage of data, QC/QA/validation, pitfalls, future perspectives

16:30 – 17:00 Break

17:30 – 18:00 General panel discussion

Wednesday, 9 September 2015

08:30 – 09:30 Current application of NGS in routine pathology molecular diagnostics: Platform and panels, pro's and con's

09:30 – 10:30 Break

10:30 – 11:15 Routine pathology molecular diagnostics: Dealing with tumour heterogeneity

11:15 – 12:00 Determination of tumour BRCA1ness has clinical importance

14:00 – 15:00 Current application of In Situ Hybridisation (ISH) in routine oncopathology molecular diagnostics

Tissue collection, tissue selection, pretreatments, DNA/RNA hybridization conditions (RNAscope), visualisation systems (FISH, CISH, SISH, etc), (confocal) microscopy, automation, pattern recognition, image storage, QC/QA/validation, relationship to NGS/complementary, pitfalls, future perspectives

15:00 – 16:00 Update on RNAseq for molecular pathology diagnostics

16:30 – 17:15 Breaking news, breakthroughs, selected abstracts