

Call for Abstracts

Registration
Earlybird 25 March 2020
Abstract Closing Date
2nd March 2020
Poster Abstract Closing Date
12 April 2020

25 - 27 May 2020

15th International Symposium on Variants in the Genome

VARIANT DETECTION 2020

Piran, Slovenia

VARIANT DETECTION . SEQUENCING . INTERPRETATION & MORE

WHEN

25 - 27 MAY 2020

WHERE

Grand Hotel Saint Bernardin Conference Centre & Resort
Piran, Slovenia. Easy access from Trieste airport.

The symposium also known as *Variant Detection 2020* aims to present the latest developments in the field, the best methodologies for scanning, sequencing, databasing, bioinformatic analysis, and classification of variants in DNA, RNA and protein. We invite you to submit your abstracts as soon as possible, and encourage you to travel to picturesque Piran, on the Adriatic coast of Slovenia to learn and participate at this dynamic and friendly event. Further details about the event, venue, travel & more may be found on the website.

TOPICS

Single-Cell Sequencing . Long-Read Sequencing . Emerging technologies
Editing (CRISPR/Cas9): Application for functional tests . The MANE project
GA4GH Variation Representation Schema . Variant Interpretation in Practice
ACMG Variant Classification/Interpretation . Solving exceptional diagnostic
cases . High-throughput clinical systems . Applications . Tissue on a chip .
Artificial intelligence in data systems related to genomics . Variants and EMRs .
Ensembl . UCSC . Cancers & more...

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TOPICS

SEQUENCING TECHNOLOGIES

- Single Cell Sequencing / Technologies
- Single molecule sequencing
- Long- read sequencing
- Long-read RNA sequencing
- Emerging or novel technologies for variant detection
- Non-SNV type of variants

VARIANT INTERPRETATION IN PRACTICE

- Update on ClinGen
- Recommendations to the ACMG-AMP system

APPLICATIONS

- Rethinking population screening & Testing Guidelines
- Cancers: Colorectal & BRCA
- Editing (CRISPR/Cas9)
- Epigenetics
- Metagenomics
- Tissue on a chip

SOFTWARE/DATABASES/BIOINFORMATICS

- High-throughput clinical systems
- ClinGen interpretation system
- Artificial intelligence in data systems related to genomics
- Ensembl
- In-house vs commercial interpretation software
- Block-chain (or other secure systems) technology for genomic/patient data storage
- Variants and electronic medical records
- Big data/databases/Cloud Genomics
- Impact of FDA recognition of selected variant databases

OTHER...

- Frontiers of direct to consumer testing
- & more...

LOCATION

VENUE

Grand Hotel Saint Bernardin Conference Centre & Resort. Piran, Adriatic Coast, Slovenia. Within walking distance of picturesque Piran.

ACCOMMODATION

We have arranged rooms attached to the conference centre. There are also many other options nearby.

- Hotel Histron (4*)
- Hotel Vile (3*)

PIRAN

Piran is a favourite town on Slovenian seaside and there is no doubt why! A perfect mix of culture and nature, delicious cuisine and magical atmosphere. **Why not combine professional development with the added benefits of this picturesque location and attend Variant Detection 2020!**

TRAVEL BY AIR

The closest airport is Trieste airport and is situated 79 km from the venue. There are cheap scheduled flights to Trieste from many European cities. To reach Piran shuttles from Trieste airport may be arranged.

TRAVEL BY ROAD

Ljubljana, Slovenia, 121 Km, 1hr 28 min
Klagenfurt, Austria, 203 Km, 2rs 30 mins
Zagreb, Croatia, 257 Km, 3hrs
Bologna, Italy, 343 Km, 3hrs 41 min
Milan, Italy, 466 Km, 4hr 21 min

WHO SHOULD ATTEND?

- Molecular geneticists
- Clinical geneticists
- Genetics researchers
- Molecular diagnostics labs
- Data analysts
- Medical specialists with interests in genomics
- anyone interpreting DNA variants on a regular basis

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