



EMBRC-IT JRU

Next challenges in nucleic acid sequencing

Stazione Zoologica Anton Dohrn di
Napoli Villa Comunale, Italy

Program

July 13

Companies will present their latest NGS
technologies

SZN Conference room

13.30 Participants' registration

14.00 Opening remarks

- **Elio Biffali**, The Molecular Biology and Bioinformatics Unit at SZN

14.30 Presentation from Producers, the latest NGS solutions (30 min each)

- **Salvatore Conti (Life Technologies)**
- **Rosy Volpi (Illumina)**
- **Steve Picton (Pacific Bioscience)**
- **Oliver Hartwel (Oxford Nanopore)**

Coffee Break

- **Walter Sanseverino (Sequentia Biotech)**: to be defined

17.30 – 19.00 Round table, Q&A



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Program

July 14

Keynote users will present their experience

SZN Conference room

8.50 Coffee

09:00 Presentations (30 min each):

- **Alberto Pallavicini (University of Trieste):** Not only genome sequencing. Middle to low NGS throughput for marine genetics analysis
- **Matteo Chiara (University of Milan):** Error profiles, utility and limitations of the Illumina NGS technologies
- **Alessandro Vezzi (University of Padova):** Few hints on NGS data. Platforms and users: where are the limits?
- **Nunzio D'Agostino (Research Center for Vegetable Crops, CREA):** Plant mitochondrial DNA: a big challenge for NGS technologies
- **Graziano Pesole (University of Bari):** After deep sequencing, what next? ELIXIR-IIB: the Italian Infrastructure for Bioinformatics

Coffee Break

12.00 - 13.00 Round table and closing remarks