

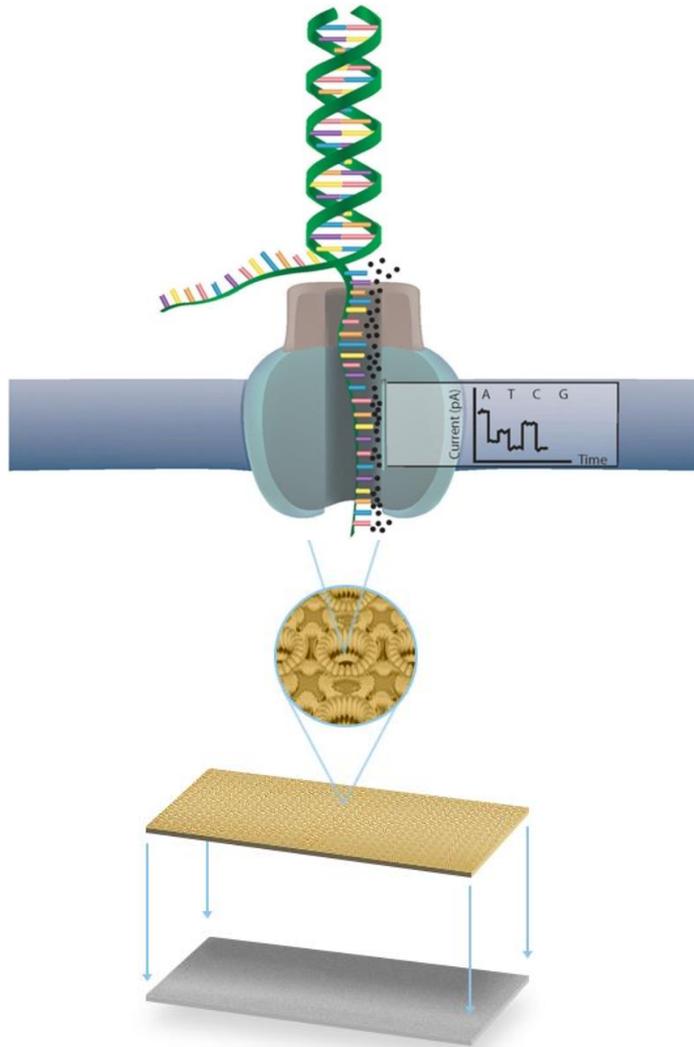
Third generation sequencers

Valeria Michelacci

NGS course, July 2019



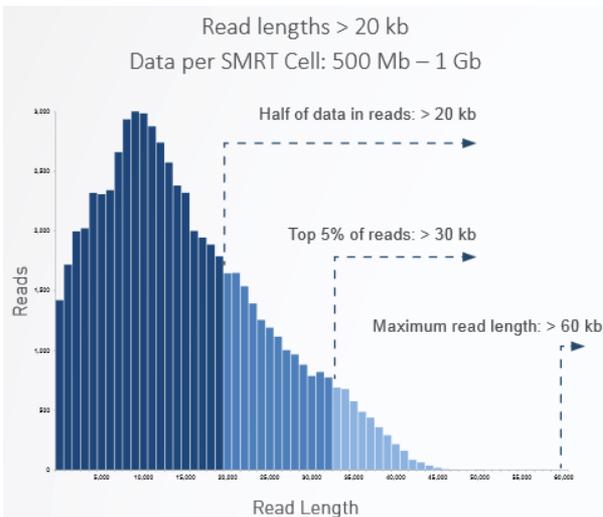
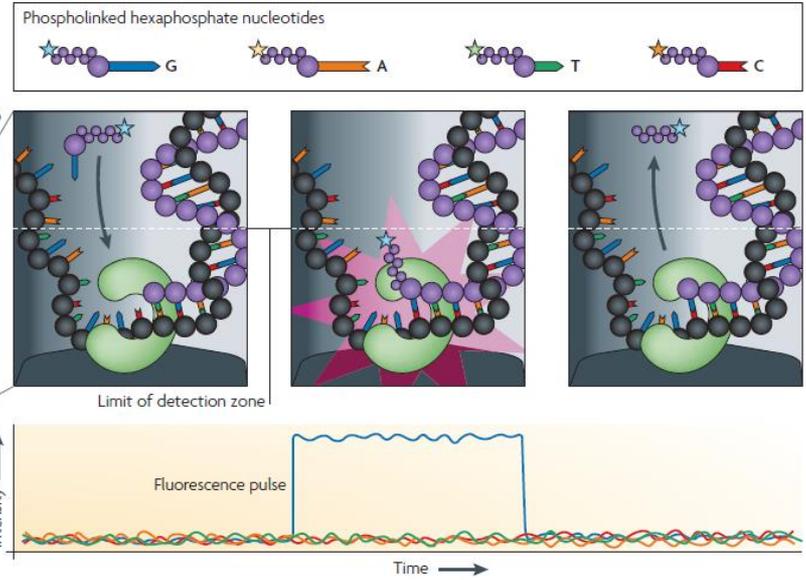
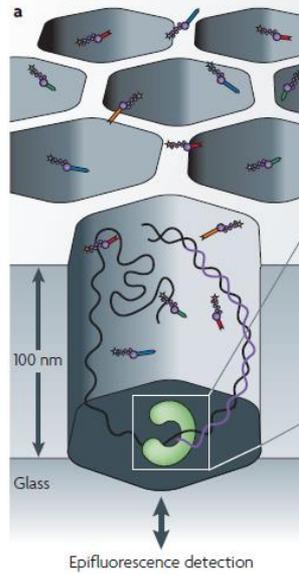
MinION - Oxford Nanopore Technologies



Pacific Biosciences



Pacific Biosciences — Real-time sequencing



Based on data from a 20 kb size-selected human library using a 4-hour movie with P6-C4 chemistry, analyzed with SMRT Analysis v2.3. Each SMRT Cell generates ~55,000 reads.



Istituto Superiore di Sanità, Dip. Sanità Pubblica Veterinaria e Sicurezza Alimentare, Laboratorio Europeo e Nazionale di Riferimento per *E. coli*

