ISLB 2020 Annual Meeting
3 & 4 April 2020, Barcelona, Spain

Who should attend?

- Translational/clinical researchers
- Physicians
- Pathologists, Molecular Pathologists and Molecular Biologists
- Clinical trainees, PhD and other students
- Industry and Molecular diagnostics sector
- Patients associations and advocacy

17:00 -19:00 Pre Congress Special Workshop Fluxion Biosciences CTCs Isolation and Analysis (Registration required, limited slots)

19:30 -21:00: Welcome Cocktail

Friday April 3th:

07:45 – 8:20 Registration Open and Morning Coffee

08.30: Welcome Remarks/Opening Ceremony
Massimo Cristofanilli and Christian Rolfo

Knowing ISLB, CROH the Official Journal of ISLB

09:00 -11:00 Session 1: CTCs clinical application: a mirage or a reality?
Chairs: Maria Jose Serrano & …

09:05: Keynote speaker: Beyond Enumeration: Functional and Computational Analysis of Circulating Tumor Cells
09:30: Isolation of CTC using biological and physical properties of CTC.
Analyses of results
09:50: Advances in the clinical application of molecular characterization of CTCs in Cancer
10: 20: Young investigator presentation short communication
10: 30-11: 00: Discussion

- Invited discussant
- Paper 1
- Paper 2
- Paper 3
- Invited discussant


17:15 The importance of ILBA and expectations
17:30 Blood Profiling Atlas Consortium (BloodPac)
17:50 Regulations in Liquid Biopsy: FDA and EMA perspective
18:15 The importance of advocacy in Liquid Biopsy: Lungevity
18:25: Discussion

18:45 – Awards and Travel Awards 11:00 – 11:30 Coffee break at poster &booths

11: 30 -1:15 Session 2: ISLB – ISEV joint session in Extracellular Vesicles

Chairs:

11:35: From the Isolation to characterization: do we have a standard?
11:50: The contribution of exosomes in the biology understanding.
12:10 Keynote Speaker: From the bench to Regulatory Approval (IDE, 501k)
12:35 Young investigator short communication
12:45-13:00 Discussion

13:05 – 13:45 Satellite Symposium

13:50-16:00 Session 3: Investigating nucleic acid detection and their significance in solid tumors: ctDNA and the new entry ctRNA

13:55 -16:00 Keynote Speaker: The revolution of ctDNA in Cancer
14.30 Technologies for the Analysis of Clinically Relevant DNA Alterations in Liquid Biopsies
14:50: Problems in reporting and interpretation
15:10 VAF and clinical implications
15:30 CtDNA and clonal haematopoiesis.
15:50 – 16:00: Discussion

16:00 – 16:20 Coffee break at poster &booths

16:20 – 17:10: Session 4 Poster discussions 5’ presentations and 10’ discussant
19:00 - 20:00 Satellite Symposium

Faculty Dinner

Saturday April 4th:

08.00: Breakfast Session: ISLAB meet pharma, advocacy groups and associations: The ISLB white paper project (only by invitation)

8:00 – 10:00 Special Workshop How to create and develop a lab in Liquid Biopsy: From the Technical to the translational aspects (Registration required, limited slots)

9:00- 11:00: Session 6: Liquid Biopsy in practicality
9:00 Preanalytical Conditions and Quality Control Steps for CTC analyses
9:20 Preanalytical Conditions and Quality Control Steps for ctDNA analyses
9:40 Young investigator Short communications (2 of 5’)
9:50- 10:00: Q&A

10:00 – 10:20 Coffee break at poster &booths

10:20-12:10: Session 7: Cancer Interception, Screening and Minimal Residual Disease
10:25. Cancer Interception a new opportunity for Liquid Biopsy
10:45 CTCs in Cancer Interception
11:15 Role of ctDNA in C.I. and Screening.
11:35 Minimal residual disease is the technology the only limitation
11:50 Short Communications (2 of 5’)
12:00:- 12:10 Discussion

12:15 – 12:45 Keynote session: Liquid biopsy and Immunotherapy: bTMB and beyond

12:50 – 13:30 Satellite Symposium & lunch

13:30 -14:30 Session 8: Liquid Biopsy in the Molecular Tumor Board: a new tool

- Case 1
- Case 2
- Multidisciplinary Panel discussion
- Case 3
- Case 4
- Multidisciplinary Panel discussion

14:40- 15:20 Special Session : Pro and Con debate: Liquid Biopsy in agnostic tumors
Pro Speaker: 15´
Con Speaker: 15´
Debate 10’

15: 20 – 1610 Session 9: Liquid biopsy beyond ctDNA & other fluids
15: 25 Platelets and the circulome
15:35 Tumor Educated platelets and beyond
15:45 Clinical significance of miRNAS in early and advanced cancer
15:55 Discussion

16:00 – 17:20 Session 10: Liquid biopsy of other fluids
16:00 Urine: exosomes & proteomics
16:15 Saliva.
16:30: Pleural effusion
17:00 Short communications (2 of 5´)
17:10 Discussion

17:30 Adjourn and closing remarks- Announce of ISLB 2021