

JOINT MEETING

FINAL PROGRAM

ONCOTRANS 2022 &
4TH INTERNATIONAL
LIQUID BIOPSY
SYMPOSIUM

NOVEMBER
3RD – 5TH, 2022

CENTRE DES
CONGRÈS PROUVÉ
NANCY, FRANCE

- Nanomedicine & radiobiology
- Therapeutic & diagnostic biomarkers
- Immunology, cell therapy, CAR-T cells
- Clinical applications of liquid biopsies : ctDNA, CTC...
- Innovative techniques and applications in liquid biopsy : nucleosomes, exosomes...

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ORGANIZING COMMITTEES

ONCOTRANS

- Pr Jean-Louis Merlin – Nancy
- Pr Alexandre Harlé – Nancy
- Dr Pauline Gilson – Nancy
- Dr Florence Schaffner
Cancéropôle Est - Strasbourg

INT. TUMOR LIQUID BIOPSY SYMPOSIUM

- Pr Jean-Louis Merlin – Nancy
- Pr Alexandre Harlé – Nancy
- Dr Pauline Gilson – Nancy
- Dr Florian Scherer – Freiburg
- Dr Julius Wehrle – Freiburg
- Dr Florence Schaffner
Cancéropôle Est - Strasbourg

FEATURING

- KeyNote lectures
- Selected abstracts
- Posters
- Awards

WEBSITE :

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PROGRAM

THURSDAY 3TH NOV.

ONCOTRANS 2022 & 4TH INTERNATIONAL LIQUID BIOPSY SYMPOSIUM

8.45 WELCOME

9.00 OPENING ONCOTRANS

Jean-Louis Merlin (Nancy),
Pierre Fumoleau (Strasbourg)

9.30 OPENING ONCOTRANS

SESSION 1

"NANOMEDICINE, RADIOBIOLOGY"

Chairpersons: Muriel Barberi-Heyob
(Nancy), Céline Mirjolet (Dijon)

9.45 PLENARY 1.1

10.15 Tumor sensitization and reoxygenation with gadolinium-containing zeolites nanocrystals: a new theranostic strategy for glioblastoma,
Samuel Valable (Caen)

10.20 PLENARY 1.2

10.50 Impairing DNA repair as an innovative radiosensitization strategy in pediatric oncology,
Marie Dutreix (Paris)

10.55 EXHIBITION & POSTERS

11.15 COFFEE BREAK

11.15 SELECTED ABSTRACTS

12.15 SESSION 1

Chairpersons:
Sophie Pinel (Nancy),
Alexandre Detappe (Strasbourg)

11.15 Evaluating Tenascin C Effect on the Response of Breast Cancer Cell Lines,
Joyce Azzi (Strasbourg)

11.30 Core-shell mesoporous nanocarriers for combined photothermia and drug delivery,
Damien Mertz, (Strasbourg)

11.45 Radiosensitization with gadolinium chelate-coated gold nanoparticles reduces glioblastoma invasiveness,
Sophie Pinel (Nancy)

12.00 Photothermal efficiency of indocyanine green J-aggregates by nanoformulation with Calix[4]arene,
Marie Millard (Nancy)

12.15 SATELLITE SYMPOSIUM **GSK**

13.15 **GSK** - Apport de la biologie moléculaire dans la prise en charge de cancers gynécologiques : focus cancers de l'ovaire et de l'endomètre

12.15 Quand la biologie moléculaire impacte la stratégie thérapeutique des cancers de l'ovaire avancé,
Alexandre Harlé (Nancy)

12.30 Quelle stratégie thérapeutique pour le cancer de l'ovaire avancé ?
Céline Gavoille (Nancy)

12.45 Quand la biologie moléculaire impacte la stratégie thérapeutique des cancers de l'endomètre avancé,
Alexandre Harlé (Nancy)

13.00 Quelle stratégie thérapeutique pour le cancer de l'endomètre avancé ?
Céline Gavoille (Nancy)

13.15 EXHIBITION & POSTERS

14.00 LUNCH BREAK

14.00 OPENING ONCOTRANS

SESSION 2

"THERAPEUTIC & DIAGNOSTIC BIOMARKERS"

Chairpersons:
Jean-Louis Merlin (Nancy),
Christophe Borg (Besançon)

14.00 PLENARY 2.1

14.30 Clonal heterogeneity of solid tumors,
Alexandre Harlé (Nancy)

PROGRAM

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14.35 PLENARY 2.2

15.05 Designing biomarker driven clinical trials : results from BioNIKK trial,
Stéphane Oudard (Paris)

15.10 SELECTED ABSTRACTS

16.10 SESSION 2

*Chairpersons: Aurélien Lambert (Nancy),
Jérôme Devy (Reims)*

15.10 Imaging of 3D Head and Neck Cancer Spheroids by Quantum Dots,
Luca Dirheimer (Nancy)

15.25 PRMT2 is involved in acute myeloid leukemia through its role on inflammation,
Camille Sauter (Dijon)

15.40 Therapeutic interest of an iron-based complex to improve treatments against pancreatic and triple negative breast cancer,
Camille Neybecker(Nancy)

15.55 ITGB2 activates EGFR and mediates Erlotinib resistance in small cell lung cancer,
Guillermo Barreto (Nancy)

16.10 EXHIBITION & POSTERS

16.40 COFFEE BREAK

16.45 ROUND TABLE “VALORISATION, STARTUPS”

*Chairpersons:
Pierre Fumoleau (Strasbourg),
Rachel Groubet (Strasbourg)
Incubateur Lorrain (Nancy),
SATT Sayens (Dijon),
Quest for Change (Strasbourg)*

17.45 EXHIBITION & POSTERS

19.00 WELCOME COCKTAIL

PROGRAM

FRIDAY 4TH NOV.

8.30 WELCOME

8.45 OPENING ONCOTRANS

SESSION 3

“IMMUNOLOGY, CELL THERAPY, CAR-T CELLS”

*Chairpersons:
Marie-Thérèse Rubio (Nancy),
Céline Mascaux (Strasbourg)*

9:00 PLENARY 3.1

9:30 Interest of immunomonitoring patients during CART cells therapy,
Sophie Caillat-Zucman (Paris)

9:35 PLENARY 3.2

10:05 Beyond CTLA4 and PD1/PDL1: new targets for antitumoral immunotherapy,
Christophe Borg (Besançon)

10:10 EXHIBITION & POSTERS

10:40 COFFEE BREAK

10:40 SELECTED ABSTRACTS

11:40 SESSION 3

*Chairpersons:
Loïc Reppel (Nancy),
Celine Mascaux (Strasbourg)*

10.40 In vitro model setup for tumor-associated neutrophils study in vitro: focus on osteosarcoma context,
Laura Vellutini (Reims)

10.55 Improvement of the antitumor activity of Natural Killer cells without gene modification,
Mélanie Gauthier (Nancy)

11.10 Radiotherapy Scheme Effect on PD-L1 Expression for Locally Advanced Rectal Cancer,
Celine Mirjolet (Dijon)

11:25 High-throughput preclinical screening of CD123 scFv to design 3rd generation of CAR T-cell,
Maxime Fredon (Besançon)

11:45 SATELLITE SYMPOSIUM
12:45 PIERRE FABRE ONCOLOGIE

Chairperson:

Jean-Louis Merlin (Nancy)



"BRAFV600 mutation from discovery to daily practice in melanoma and CRC" *Alexandre Harlé (Nancy)* & *Christophe Borg (Besançon)*

12:45 EXHIBITION & POSTERS

13:30 LUNCH BREAK

13:00 WELCOME TO 4TH TUMOR LIQUID BIOPSY SYMPOSIUM

13:30 OPENING ONCOTRANS

13:35 SESSION 4 & 4TH TUMOR LIQUID BIOPSY SYMPOSIUM (TLBS) PART 1 "LIQUID BIOPSIES IN THE CLINIC"

Chairpersons:

Jean-Louis Merlin (Nancy), Florian Scherer (Freiburg), Alexandre Harlé (Nancy) & Justus Duyster (Freiburg)

13:35 KEYNOTE LECTURE 1

14:35 CTC and ctDNA: the long way from concept to clinical use,
Klaus Pantel, (Hamburg) & Catherine Alix-Panabières (Montpellier)

14:40 KEYNOTE LECTURE 2

15:30 Circulating tumor DNA for minimal residual disease detection: ready for prime time,
Ash Alizadeh (Stanford CA)

15:30 EXHIBITION & POSTERS

16:00 COFFEE BREAK

16:00 PLENARY 4.1

16:30 Risk assessment and treatment stratification using ctDNA in GIST, Melanoma and Lung Cancer,
Nikolas Von Bubnoff (Lübeck)

16:30 SELECTED ABSTRACTS

18:00 ONCOTRANS / 4TH TLBS

Chairpersons:

Alexandre Harlé (Nancy), Nikolas Von Bubnoff (Lübeck), Justus Duyster (Freiburg)

16:30 The role of circulating tumor DNA in patients with central nervous system lymphoma, *Florian Scherer (Freiburg)*

16:45 Genomic signatures in ctDNA from patient with advanced breast cancer treated with anti-aromatase,
Margaux Betz (Nancy)

17:00 Blood and urine based liquid profiling of telomerase reverse transcriptase (TERT) C228T and C250T,
Matthias Mack (Munich)

17:15 Profiling of circulating tumor DNA for comprehensive tumor genotyping,
Lavanya Ranganathan (Freiburg)

17:30 Determination of Homologous Recombination Deficiency using liquid biopsy in patients with ovarian cancer,
Alexandre Harlé (Nancy)

17:45 Therapeutic drug monitoring and circulating tumor DNA in patients with BRAF-mutated metastatic cutaneous melanoma,
Albane L'Huillier (Nancy)

18:00 EXHIBITION, POSTERS, COCKTAIL

19:30 AWARDS ONCOTRANS

PROGRAM

SATURDAY 5TH NOV.

ONCOTRANS 2022 & 4TH INTERNATIONAL LIQUID BIOPSY SYMPOSIUM

8:15 WELCOME

8:30 OPENING DAY 2 - 4TH TLBS

*Jean-Louis Merlin (Nancy),
Florian Scherer (Freiburg)*

**8:45 4TH TUMOR LIQUID BIOPSY
9:00 SYMPOSIUM (TLBS)
PART 2 "INNOVATIVE TECHNIQUES
AND APPLICATIONS
IN LIQUID BIOPSY"**

*Chairpersons:
Alexandre Harle (Nancy),
Nikolas von Bubnoff (Lübeck)*

9:00 PLENARY 4TH TLBS 1

9:30 Genomic and epigenomic analysis
of cell-free DNA in Cancer,
Holger Sültmann (Heidelberg)

9:35 PLENARY 4TH TLBS 2

10:05 Mining cell-free DNA biology
to boost liquid biopsy,
Florent Moulière (Amsterdam)

10:05 EXHIBITION & POSTERS

10:35 COFFEE BREAK

10:35 SELECTED ABSTRACTS

11:40 4TH TLBS

*Chairpersons:
Jean-Louis Merlin (Nancy),
Florian Scherer (Freiburg)*

10:35 Ultra-sensitive monitoring of leukemia patients using superRCA mutation detection assays,
Tomas Edgren, Rarity Bioscience (Uppsala)

10:50 "Epitranscriptomics": a promising source of circulating biomarkers for personalized medicine,
Amandine Amalric (Montpellier)

11:05 BrightSens Diagnostics: new technology for RNA detection in liquid biopsies, *John Volke, Brightsens diagnostics (Strasbourg)*

11:20 Epigenetic biomarkers of melanoma: bioinformatics analysis of public data and proof of concept,
Anes Hadjadj-Aoul (Besançon)

11:35 Clinical interest of exosomes: biomarker and therapeutic target in oncology, *Jessica Gobbo (Dijon)*

**12:00 4TH TLBS AWARDS
12:15 & CLOSING REMARKS**

*Florian Scherer (Freiburg),
Florence Schaffner (Strasbourg),
Jean-Louis Merlin (Nancy)*

12:30 END OF THE MEETING

ACKNOWLEDGEMENT

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ONCOTRANS 2022 & 4TH INTERNATIONAL LIQUID BIOPSY SYMPOSIUM

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