

1st Edition

CRCM

CENTRE DE RECHERCHE EN CANCÉROLOGIE
Marseille

CRCM Symposium

Centre de Recherche en Cancérologie de Marseille



Comet

Cell communication &
Microenvironment dpt.



Translate-IT

Translational research &
Innovative therapies dpt.

4.5.6
February
2026

CONFIRMED SPEAKERS

Alissa Weaver, *Vanderbilt School of Medicine, Nashville, TN, USA*

Martin Bergö, *Karolinska Institutet, Stockholm, Sweden*

Patrick Mehlen, *CRCL, Lyon, France*

Thales Papagiannakopoulos, *NYU, New York, USA*

Christophe Le Tourneau, *Institut Curie, Paris, France*

Sophie Tartare-Deckert, *C3M, Nice, France*

Raffaele Colombo, *Zymeworks Inc, Vancouver, Canada*

Giorgio Seano, *Institut Curie, Paris, France*

Javad Nazarian, *University Children's Hospital Zurich, Switzerland*

Angela Nieto, *UMH, Alicante, Spain*

ORGANIZING COMMITTEE

Sophie Vasseur, Joseph Ciccolini, Christophe Ginestier, Nelson Duseti,

Luca Lignitto, Eddy Pasquier, Emilie Mamessier

With the valuable support of the junior researchers: Georgios Efthymiou,

Celia Sequera-Hurtado, Julie Lafont, Shuheng Lin, Agathe Cohendet,

Maëlle Picard, Raphael Leblanc, Romain Zakrajsek

TOPICS/SESSIONS

Cancer Progression

Tumor Microenvironment & Cellular Crosstalk

Tumor Cell Biology & Signaling Technologies

Innovative Therapies

MARSEILLE
Palais du Pharo



"Wednesday 04 February"

16:00	<p>16:00 - 16:30 GENERAL INTRODUCTION</p>	Salle Major
16:30	<p>16:30 - 17:20 KEYNOTE1</p> <p>Moderators: Joseph CICCOLINI (Marseille, France), Nelson DUSETTI (MARSEILLE, France)</p> <p>Innovative approaches to combat cancer drug resistance. René BERNARDS (Amsterdam, The Netherlands)</p>	Salle Major
17:20	<p>17:20 - 18:10 KEYNOTE2</p> <p>Moderators: Christophe GINESTIER (MARSEILLE, France), Sophie VASSEUR (Marseille, France)</p> <p>Exosomes in Cancer Aggressiveness. Alissa WEAVER (Nashville, USA)</p>	Salle Major
18:10	<p>18:10 - 20:00 BRIDGING SCIENCE AND PATIENTS' COMMUNITY (SESSION IN FRENCH)</p> <p>Flash talks (public-friendly presentations of scientific projects). wine and cheese + award best presentation.</p>	Salle Major

Thursday 05 February

09:00	<p>09:00 - 09:10 WELCOME SPEECH</p>	Salle Major
09:10	<p>09:10 - 10:30 SESSION1 : INNOVATIVE THERAPIES - PART 1 New therapies</p> <p>Moderators: Joseph CICCOLINI (Marseille, France), Anne RODALLEC (Marseille, France)</p> <p>KEYNOTE: Antibody Drug Conjugates: Facts & Fiction. Raffaele COLOMBO (Vancouver, Canada) LECTURE: Old wine in a New Bottle: Protacs in Oncology. Gérard MILANO (Nice, France)</p>	Salle Major
10:30	<p>10:30 - 11:00 COFFEE BREAK</p>	Exhibition Area
11:00	<p>11:00 - 13:00 SESSION1 : INNOVATIVE THERAPIES - PART 2 Therapy resistance and tumor plasticity</p> <p>Moderators: Jeremy ARIEY-BONNET (Marseille, France), Emilie MAMESSIER (Marseille, France)</p> <p>LECTURE: Targeting glioblastoma cell state transitions induced by chemoradiation or neurosurgery. Giorgio SEANO (Orsay-Paris, France) LECTURE: Deciphering drug modes of action by high-throughput metabolic profiling. Mattia ZAMPIERI (Basel, Switzerland) LECTURE: Exploring therapy resistance in pancreatic cancer through transcriptomic signatures. Nelson DUSETTI (MARSEILLE, France) LECTURE: Drug-conjugated antibodies: when targeting meets chemotherapy. François BERTUCCI (Marseille, France)</p>	Salle Major
13:00	<p>13:00 - 14:30 LUNCH BREAK</p>	Exhibition Area
13:00	<p>13:00 - 14:30 POSTERS SESSION 1 Precision oncology, targeted therapies and strategies for refined drug delivery</p>	

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CANCER RESEARCH CENTER MARSEILLE



4 - 6
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MARSEILLE
Palais du Pharo

"Wednesday 04 February"

- #50096 - S1CA01 XON11: a novel multimodal polyclonal antibody to overcome tumor heterogeneity in pancreatic cancer. **Ophélie DAUPHOUY** (Nantes), **Carine CIRON**, **Gwenaëlle EVANNO**, **Pierre-Joseph ROYER**, **George GRAUR**, **Hoa LE MAI**, **Odile DUVAUX**, **Sophie BROUARD**, **Firas BASSISSI**
- #50101 - S1CA02 IDENTIFICATION OF A FIBROBLAST SUBTYPE ASSOCIATED WITH EARLY-RELAPSE IN METASTATIC COLORECTAL CANCER BY SINGLE-NUCLEI RNA SEQUENCING. **Maele PICARD** (Marseille)
- #50103 - S1CA03 Disarming radioresistant breast cancer cells by targeting yap pathway. **Claire ZOBOUYAN** (Marseille)
- #50107 - S1CA04 Dendrimer nanosystems hijack in situ tumor-secreted extracellular vesicle for RNA delivery. **Christina GALANAKOU** (Marseille)
- #50117 - S1CA05 Uncovering Stage-Specific Vulnerabilities in Recurrent Breast Tumors. **Emma DER KAZARIAN** (Marseille), **Caroline BONNET**, **Aurelien BORE**, **Mauro VEDELAGO**, **Martin CASTAGNE**, **Julien WICINSKI**, **Raphaël MARGUERON**, **Emmanuelle CHARAFE**, **Christophe GINESTIER**
- #50119 - S1CA06 Identifying Therapeutic Vulnerabilities in Drug-Tolerant Persister Cells of Triple-Negative Breast Cancer Through Boolean Network Inference. **Min WU** (MARSEILLE), **Mauro VEDELAGO**, **Julien WICINSKI**, **Martin CASTAGNE**, **Emmanuelle CHARAFE-JAUFFRET**, **Christophe GINESTIER**
- #50395 - S1CA07 Validation and molecular study of new ubiquitination type theranostic markers in pancreatic cancer. **Hery Dinah RATOVOONINDRINA** (Marseille), **Philippe SOUBEYRAN**, **Odile GAYET**, **Marion RUBIS**, **Julie ROQUES**, **Juan IOVANNA**, **Nelson DUSETTI**
- #50422 - S1CA08 Identification and characterization of atypical circulating cells during neoadjuvant chemotherapy in early breast cancer patients. **Agathe COHENDET** (Marseille), **Lucas USCLADE**, **Claire GERMIER**, **Emilie DENICOLAÏ**, **Quentin DA COSTA**, **Marine MAKOA-MENG**, **François BERTUCCI**, **Emilie MAMESSIER**
- #50449 - S1CA09 Combining innate V62 and CAR-mediated targeting to overcome glioblastoma heterogeneity. **Julianne CERONI** (Nantes)
- #50454 - S1CA10 Cadherin X: new target to fight pancreatic cancer ? **Amandine LOPEZ** (Marseille), **Sébastien GERMAIN**, **Rénaté BONIER**, **Philippe GUIGUE**, **Stéphane AUDEBERT**, **Luc CAMOIN**, **Juan IOVANNA**, **Nelson DUSETTI**, **Véronique RIGOT**, **Frédéric ANDRE**
- #50467 - S1CA11 Bispecific engineered aptamers for ADAMTSL5 silencing confer druggable AXL addiction to liver cancer. **Ines BARAHONA**, **Aurélien DOBRIC**, **Abdessamad EL KAOUTARI**, **Margherita GRATTAROLA**, **Nicolas PONS**, **Shayan AHMED**, **Caroline BONNET**, **Lukas KUBLER**, **Sandro NUCIFORO**, **Muge KAYA**, **Nils COLLINET**, **Anne FARINA**, **Markus HEIM**, **Remy CASTELLANO**, **Jean-Paul BORG**, **Laurence CHOULIER**, **Celia SEQUERA HURTADO** (Marseille), **Flavio MAINA**
- #50472 - S1CA12 Lipid and cell cycling perturbations driven by the HDAC inhibitor romidepsin render liver cancer vulnerable to RTK targeting and immunologically active. **Margherita GRATTAROLA** (Marseille), **Celia SEQUERA**, **Floriane CANNET**, **Aurélien DOBRIC**, **Paula MICHEA VELOSO**, **Abdessamad EL KAOUTARI**, **Paraskevi KOUSTERIDOU**, **Delphine DEBAYLE**, **Lukas KÜBLER**, **Sandro NUCIFORO**, **Frédéric SALTEL**, **Markus H. HEIM**, **Sophie VASSEUR**, **Xavier ADHOUTE**, **Fabienne GUILLAUMOND**, **Jean-Paul BORG**, **Christian MOREL**, **Flavio MAINA**
- #50478 - S1CA13 Deciphering the mechanism of action of ML-IAP and its inhibitors in glioblastoma: towards therapeutic optimization. **Théo VIALATTE** (Marseille), **Alessandra PAGANO**, **Claude VILLARD**, **Eddy PASQUIER**, **Emeline TABOURET**, **Aurélien TCHOHANDJIAN**
- #50486 - S1CA14 Diagnostic and Therapeutic Potential of Nanobodies against ADAMTSL5 to Target Cancer Communities. **Saliha LAGSIER** (Marseille), **Ines BARAHONA**, **Celia SEQUERA**, **Pascale MARCHOT**, **Flavio MAINA**, **Jean -Paul BORG**
- #50488 - S1CA15 Combinatorial effects of romidepsin with inhibitors of anti-apoptotic signals on hepatocellular carcinoma and its immune microenvironment. **Filippo CASTAGNA** (Marseille), **Margherita GRATTAROLA**, **Nicolas PONS**, **Paula MICHEA VELOSO**, **Jean-Paul BORG**, **Celia SEQUERA-HURTADO**, **Flavio MAINA**
- #50489 - S1CA16 Targeting MINK1 in triple negative breast cancer with a kinase inhibitor. **Giulia DELACOURT** (Marseille), **Sébastien LETARD**, **Etienne REBUFFET**, **Armelle GOUBARD**, **Jean LY**, **Patrice DUBREUIL**, **Avais DAULAT**, **Jean-Paul BORG**
- #50490 - S1CA17 UBE2N inhibition to sensitize ovarian cancers to PARP inhibitors by induction of HRD phenotype. **Léonie IBAZIZENE** (Caen, Normandy), **Shafi Ullah KHAN**, **Steven LOHARD**, **Nicolas ELIE**, **Laurent POULAIN**, **Matthieu MERYET-FIGUIERE**, **Louis-Bastien WEISWALD**
- #50515 - S1CA18 Which antibody-drug conjugate with limited off-target toxicities can be used to treat metastatic colorectal cancer? **Lisa MALARD** (Marseille), **Alix FREJAFON**, **Maëlle PICARD**, **Pascal FINETTI**, **Arnaud GUILLE**, **Olivier CABAUD**, **Sara SANTI**, **Nadiya BELFIL**, **François BERTUCCI**, **David BIRNBAUM**, **Emilie MAMESSIER**
- #50530 - S1CA19 Physiologically Relevant Drug Screening in PDAC Using Organoid-CAF Co-cultures. **Jérémy ARIEY-BONNET** (Marseille), **Enza SCARLATO**, **Loïc MOUBRI**, **Alex CHAUVIN**, **Vladimir CHOCOLOFF**, **Pauline MOUSSARD**, **Odile GAYET**, **Julie ROQUES**, **Nicolas FRAUNHOFER**, **Nicolas MOLINIE**, **Nelson DUSETTI**
- #50531 - S1CA20 Trastuzumab deruxtecan (T-DXd) as a new therapeutic option in pancreatic ductal adenocarcinoma (PDAC). **Chiara DALL'ARA** (Milan, Italy), **Giulia MADONINI**, **Alberta LOCATELLI**, **Lucia VIGANÒ**, **Barbara GALBARDI**, **Matteo DUGO**, **Giorgia FOGGETTI**, **Tiziana DANIELE**, **Giulia ORSI**, **Giampaolo BIANCHINI**, **Michele RENI**, **Marina MACCHINI**
- #50539 - S1CA21 Use case of the EPITHOR database in the LUCA-pi project. **Romain ZAKRAJSEK** (Marseille), **Andrea VAGLIO**, **David BOULATE**, **Sébastien BENZEKRY**
- #50543 - S1CA22 Combination therapy with YAP/TEAD and RAS inhibitors overcomes phenotypic cell plasticity-driven resistance in NRAS-mutated melanoma. **Mira KAHIL** (NICE), **Walaa MOHAGER**, **Frédéric LARBRET**, **Nicolas DUMAZ**, **Lionel LARUE**, **Marcel DECKERT**, **Sophie TARTARE-DECKERT**
- #50546 - S1CA23 MET and SRC kinases promote NRF2 activity in Triple-Negative Breast Cancer: a novel vulnerability to enhance Paclitaxel sensitivity. **Irene TADDEI** (Rome, Italy), **Claudia CIROTTI**, **Fabienne LAMBALLE**, **Olivier CASTELLANET**, **Flavio MAINA**, **Vanessa MEDICI**, **Fabrizio FIERRO**, **Giacomo CORLEONE**, **Francesca DE NICOLA**, **Maurizio FANCIULLI**, **Eleonora CESARI**, **Alba DI LEONE**, **Claudio SETTE**, **Daniela BARILA**
- #50559 - S1CA24 Establishment of a mouse hepatocellular carcinoma tumoroid panel recapitulating inter- and intra-tumour heterogeneity for disease modelling and combinatorial drug discovery. **Nicolas PONS** (Marseille), **Margherita GRATTAROLA**, **Floriane CANNET**, **Müge KAYA**, **Abdessamad EL KAOUTARI**, **Christian MOREL**, **Aurélien DOBRIC**, **Jean-Paul BORG**, **Flavio MAINA**
- #50595 - S1CA25 Single-cell analysis of patient-derived organoids reveals treatment-induced clonal dynamics in pancreatic cancer. **Vladimir CHOCOLOFF** (Marseille), **Loïc MOUBRI**, **Julie ROQUES**, **Odile GAYET**, **Philippe SOUBEYRAN**, **Juan IOVANNA**, **Nelson DUSETTI**, **Nicolas FRAUNHOFER**
- #50735 - S1CA26 Kinetic analysis of nanobody binding to integral membrane proteins on extracellular vesicles. **Oksana REZNICHENKO** (Vénissieux), **Alexis DOGLIANI**, **Clara BOUYX**, **Aymeric AUDFRAY**, **Alain ROUSSEL**
- #50940 - S1CA27 Repositioning metabolic drugs to target metabolic pathways promoting chemoresistance in pancreatic adenocarcinoma. **Afaf HAMAME** (Marseille), **Elodie METAY**, **Claudio MONTENEGRO**, **Pierre BERTRAND**, **Paraskevi KOUSTERIDOU**, **Richard TOMASINI**, **Fabienne MARCHAI**, **Sophie VASSEUR**
- #50946 - S1CA28 The ROSALIND Study: Revealing the Cellular and Spatial Architecture of Exceptional Cancer

Salon
Jaune -
Posters'
area



"Thursday 05 February"

Survival to Enable Therapeutic Discovery. **Julieta RODRIGUEZ** (Villejuif), **Olivia LE SAUX**, **David GENTIEN**, **Auzias ELISABETH**, **Nick RIDDIFORD**, **Naouel ZERROUK**, **Aleksandr KOTOV**, **Quentin BLAMPLEY**, **Adrien PAIX**, **Alexandre YAZIGI**, **Cécile BADOUAL**, **Ludovic LACROI**, **Nathalie DROIN**, **Gina DÖRPHOLZ**, **Rodrigo DIENSTMANN**, **Jean-Yves BLAY**, **Josep TABERNERO**, **Olivier ELEMENTO**, **Ulrich KEILHOZ**, **Remy NICOLLE**, **Cejas PALOMA**, **Andre FABRICE**

14:30 14:30 - 15:50
SESSION 2 :
TUMOR MICROENVIRONMENT AND CELLULAR CROSS-TALK - Part 1

Moderators: **Georgios EFTHYMIU** (Marseille, France), **Sophie VASSEUR** (Marseille, France)

KEYNOTE: Redox regulation of cancer metastasis. **Martin BERGO** (Sweden)
LECTURE: Metabolic Mechanisms of Lung Cancer Progression. **Thales PAPAGIANNAKOPOULOS** (New York, USA)

Salle Major

15:50 15:50 - 16:20
COFFEE BREAK

Exhibition Area

16:20 16:20 - 18:20
SESSION 2 :
TUMOR MICROENVIRONMENT AND CELLULAR CROSS-TALK - Part 2

Moderators: **Celia SEQUERA HURTADO** (Marseille, France), **Richard TOMASINI** (Marseille, France)

LECTURE: Role of melanoma cell plasticity in extracellular matrix remodeling and therapy resistance. **Sophie TARTARE-DECKERT** (Nice, France)

#50116 - Oral communication: CO01 Assessing the spatial interplay of Tumor Heterogeneity and its microenvironment in Breast Cancer. **Zeinab HOMAYED** (Marseille), **Martin CASTAGNE**, **Maria Victoria REGGE**, **Julien WICINSKI**, **Olivier ROSNET**, **Geoffrey GUITTARD**, **Christophe GINESTIER**, **Emmanuelle CHARAFE**

#50428 - Oral Communication: CO02 A HUMANIZED IN VITRO MODEL TO EXPLORE NEURON-CANCER INTERACTIONS. **Terarina Flavie CHUNG SHING** (Marseille), **Alex CHAUVIN**, **Philippe SOUBEYRAN**, **Ana Maria BORGES CORREIA**, **Robson Francisco CARVALHO**, **Nelson DUSETTI**, **Maxime CAZORLA**, **Fanny MANN**, **Sophie CHAUVET**

LECTURE: GALNT relocalisation reshapes the glycoproteome in pancreatic cancer and activates Integrin Beta 1. **Frédéric BARD** (MARSEILLE, France)

Oral communication: CO03 - Evaluation of the predictive value of Organoid-derived Extracellular Vesicles for tumor progression and Microenvironment-mediated resistance to FOLFIRINOX. **Christopher ROVERA** (Marseille, France)

#50420 - Oral Communication: CO04 Metastatic potential of colorectal cancer is regulated by an EphA2-PTK7 crosstalk. **Charlotte DESSAUX** (MARSEILLE), **Constantin SEMENCHENKO**, **Laëtitia GANIER**, **Ab Dessamad ELKAOUTARI**, **Avais DAULAT**, **Stéphane AUDEBERT**, **Luc CAMOIN**, **Rémy CASTELLANO**, **Armelle GOUBARD**, **Bingsheng WANG**, **Xiaojun SHI**, **Flavio MAINA**, **Jean-Paul BORG**

Salle Major

19:30 19:30 - 00:00
CONGRESS DINNER

Friday 06 February

08:30 08:30 - 10:20
SESSION 3:
CHALLENGING SITES OF TUMORIGENESIS: JUNIOR SCIENTIST SESSION - Part 1

Moderators: **Giada FIANDACA** (MARSEILLE, France), **Eddy PASQUIER** (Marseille, France)

Teleflex **KEYNOTE.** Understanding the biology of childhood high-grade gliomas: from knowledge gaps to therapeutic opportunities. **Javad NAZARIAN** (Zurich, Switzerland)

#50316 - Oral Communication: CO05 High-throughput drug screening reveals metabolic vulnerabilities in patient-derived diffuse midline glioma models. **Julie LAFONT** (Marseille), **Kévin MÜLLER**, **Maria TSOLI**, **David ZIEGLER**, **Samuel MEIGNAN**, **Nicolas ANDRÉ**, **Marion LE GRAND**, **Eddy PASQUIER**

#50368 - Oral Communication: CO06 Molecular heterogeneity, a key component in glioblastoma cells molecular dynamics under metabolic pressure. **Mélanie LAURENT--BLOND** (Nantes)

Lecture - Navigating innovative tools and therapies for children and adolescents with cancer (: experience at Timone Children's Hospital, Marseille). **Gabriel REVON-RIVIERE** (Marseille, France)

Salle Major

10:20 10:20 - 10:50
COFFEE BREAK

Exhibition Area

10:50 10:50 - 12:20
SESSION 3:
CHALLENGING SITES OF TUMORIGENESIS: JUNIOR SCIENTIST SESSION - Part 2

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MARSEILLE
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"Friday 06 February"

Moderators: **Raphaël LEBLANC** (Marseille, France), **Maelle PICARD** (Marseille, France)

Teleflex

LECTURE: Understanding the link between immune evasion and metastasis: A story of stromal - immune cell interactions in tumor-draining lymph nodes. **Greta MATTAVELLI** (Würzburg, Germany)
#50095 - Oral Communication: CO07 Tuft cells remodel the mucosal immune microenvironment to promote intestinal tumorigenesis. **Imène GASMI** (Montpellier), **Emmanuelle SIDOT**, **Nathalie COUNTRY**, **François GERBE**, **Philippe JAY**
#50106 - Oral Communication: CO08 BRD4 inhibition creates a permissive state for breast cancer initiation. **Anaïs GRANDON** (Marseille), **Shuheng LIN**, **Caroline BONNET**, **Julien WICINSKI**, **Martin CASTAGNE**, **Eddy PASQUIER**, **Rémy CASTELLANO**, **Olivier ROSNET**, **Emmanuelle CHARAFE-JAUFFRET**, **Christophe GINESTIER**
#50941 - Oral Communication: CO09 Investigating tumor-trained immunity in pancreatic cancer. **Fanny MATRAND** (Marseille), **Melissa GIROUDOUX**, **Fanny HIDALGO-VILLEDA**, **Julien VERNEREY**, **Pierre BERTRAND**, **Elena LO PRESTI**, **Richard TOMASINI**, **Erinn SOUCIE**
#50776 - Oral Communication: CO10 Model-driven scheduling of nanocarriers: application to an anticancer polymer prodrug administered subcutaneously. **Anne RODALLEC** (Marseille), **Randy LEE**, **Jingming CAO**, **Sophie MAROLLEAU**, **Nicolas JULIEN**, **Sebastien BENZEKRY**

Salle
Major

12:20 - 14:00
LUNCH BREAK

12:20

Exhibition
Area

12:20 - 14:00

POSTERS SESSIONS 2

Cellular crosstalk and molecular mechanisms of cancer progression

#50081 - S2CA29 Bystander killing of antigen-negative tumor cells by CD8 CAR-T cells in patient-derived colorectal organoids. **Raphael MERAND** (Villejuif), **Jérôme CARTRY**, **Sabrina BEDJA**, **Jacques MATHIEU RR**, **Béatrice CORRE**, **Fabrice LEMAITRE**, **Flavien BERTHOU**, **Philippe BOUSSO**, **Fanny JAULIN**

#50112 - S2CA30 Deciphering the Role of FAN1 in Chemoresistance to Anthracycline/Taxane Therapy in Breast Cancer. **Román MARTÍ DÍAZ** (Spain), **Gemael Cedrick TATY**, **Violette AZZONI**, **Elena MARTINEZ BALSALOBRE**, **Gilles AUDOLY**, **Lara LEE**, **Pascal FINETTI**, **Stephane AUDEBERT**, **Luc CAMOIN**, **Samuel GRANJEAUD**, **Francois BERTUCCI**, **Christophe LACHAUD**

#50115 - S2CA31 HOW DOES O-GLYCOSYLATION DRIVE TOPOLOGICAL INVERSION AND CELL SURFACE EXPRESSION OF CALNEXIN? **Haiyang DONG** (MARSEILLE)

#50118 - S2CA32 GALNT relocalisation reshapes the glycoproteome in pancreatic cancer and activates integrin beta 1. **Rebecca BENNION**, **Malgorzata KOWALCZEWSKA**, **Eugénie LOHMANN** (Marseille), **Eric MAS**, **Nelson DUSSETTI**, **Sergey VAKHRUSHEV**, **Martin HUMPHRIES**, **Frédéric BARD**

#50121 - S2CA33 The tumour lung microenvironment affects the functional properties and the expression of immune-checkpoints of endothelial cells: an in vitro study to reverse such unfavourable conditioned milieu. **Laura FINATO** (Parma, Italy), **Antonella Maria NOGARA**, **Bruno LORUSSO**, **Raffaella ZAMPONI**, **Gregorio MONICA**, **Giovanni ROTI**, **Pellegrino CRAFA**, **Federico QUAINI**, **Costanza Anna Maria LAGRASTA**

#50126 - S2CA34 A Novel Lineage Tracing System to Reconstruct the Early Steps of Breast Tumorigenesis. **Shuheng LIN** (Marseille), **Anaïs GRANDON**, **Olivier ROSNET**, **Caroline BONNET**, **Julien WICINSKI**, **Emmanuelle CHARAFE**, **Christophe GINESTIER**

#50127 - S2CA35 Heme acts as a molecular degrader linking CRL2FEM1B to substrate proteolysis and ferroptosis regulation in lung cancer. **Bashir AHMED**, **Bashir AHMED** (Marseille)

#50181 - S2CA36 Melanoma-reprogrammed fibroblasts promote tumor progression and immune evasion in the lymph node niche. **Melissa CHAPEAU** (Nice), **Christopher ROVERA**, **Cassandre TAVERNIER**, **Lindsay DELHAYE**, **Daisy GRAÇA**, **Frédéric LARBRET**, **Marie IRONDELLE**, **Marcel DECKERT**, **Sophie TARTARE-DECKERT**, **Virginie PROD'HOMME**

#50336 - S2CA37 Role of the BMP pathway in mammary stem cells transformation and basal-like breast cancer initiation. **Simon AHO**, **Emmanuel DELAY**, **Marie PERBET**, **Sandrine JEANPIERRE**, **Isabelle TREILLEUX**, **Boris GUYOT** (Lyon), **Véronique MAGUER-SATTA**

#50427 - S2CA38 Investigating the role of PTK7 nuclear localization in Colorectal cancer development. **Louis GUIRAUD** (Marseille), **Charlotte DESSAUX**, **Avais DAULAT**, **Stéphane AUDEBERT**, **Luc CAMOIN**

#50455 - S2CA39 Determination of the structure of the extracellular domain of the PTK7 receptor by cryo-electron microscopy to unveil its biological functions. **Jules CARON** (Marseille), **Charlotte DESSAUX**, **Denis PTCHELKINE**, **Avais DAULAT**, **Stéphane AUDEBERT**, **Flavio MAINA**, **Juan REGUERA**, **Jean-Paul BORG**

#50465 - S2CA40 Syntenin orchestrates matrix degradation by controlling MT1-MMP secretion in small extracellular vesicles and invadopodia formation. **Marie HUBER**, **Rania GHOSOUB**, **Raphael LEBLANC**, **Guido DAVID**, **Pascale ZIMMERMANN**, **Sylvie THUAULT** (Marseille)

#50484 - S2CA41 Function and Regulation of Protein Tyrosine Kinase-7 in Dendritic Cells. **Lisy COLLETTE** (Marseille), **Paula MICHEA**, **Alix JAEGER**, **Jean-Paul BORG**

#50485 - S2CA42 Unravelling the role of Ptk7 in hepatic carcinogenesis. **Guillaume DESANDRE** (Marseille), **Castagna FILIPPO**, **Celia SEQUERA**, **Abdessamad EL KAOUTARI**, **Jean-Paul BORG**, **Flavio MAINA**

#50487 - S2CA43 Multi-omics profiling uncovers immune-molecular clusters with distinct chemo- immunotherapeutic vulnerabilities in a mouse model of triple-negative breast cancer. **Nathan CORVAISIER** (Marseille), **Jean MONATTE**, **Olivier CASTELLANET**, **Abdessamad EL KAOUTARI**, **Muge KAYA**, **Lorène FERREIRA**, **Stephane AUDEBERT**, **Alexandre TASSIN DE NONNEVILLE**, **Anthony GONÇALVES**, **Jean-Paul BORG**, **Paula MICHEA VELOSO**, **Flavio MAINA**, **Fabienne LAMBALLE**

#50517 - S2CA44 A human pathophysiological 3D-bone marrow model reveals immune and stromal cell heterogeneity. **Gulia CAMPIONE** (LYON 07), **Mariette GIANNINI**, **Léa TORCQ**, **Sylvain DONADELLI**, **Maroua BENCHEIKH**, **Sophia BOUNAUD**, **Sandrine JEANPIERRE**, **Kevin GEISTLICH**, **Sylvain LEFORT**, **Julie LECA**

#50533 - S2CA45 KRAS allelic imbalance reveals adaptive metabolic states in pancreatic cancer. **Alex CHAUVIN**, **Alex CHAUVIN** (Marseille), **Françoise SILVY**, **Julie ROQUES**, **Loïc MOUBRI**, **Pauline MOUSSARD**, **Odile GAYET**, **Emilie MAMESSIER**, **Nicolas FRAUNHOFER**, **Eric MAS**, **Nelson DUSSETTI**

#50542 - S2CA46 Role of the WNT/PCP CELSR2 receptor in triple-negative breast cancer progression. **Julia KOREN** (MARSEILLE), **Yanis NOUR ISLEM**, **Samad EL KAOUTARI**, **Avais DAULAT**, **Fabienne LAMBALLE**, **Flavio MAINA**, **Jean-Paul BORG**, **Alexandra WALTON**

#50558 - S2CA48 Analysis of automated phosphopeptide enrichment capacity. **Emilie BAUDELET** (MARSEILLE), **Carla MAILLET**, **Stephane AUDEBERT**, **Luc CAMOIN**

#50570 - S2CA49 PTK7 identifies a regulatory dendritic cell state and is modulated in inflammation and cancer.

Salon
Jaune -
Posters'
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Alix JAEGER, Lisy COLLETTE, Anne-Laure BAILLY, Sylvie MARCHETTO, Flavio MAINA, Jean-Paul BORG, Paula MICHEA (MARSEILLE)

#50581 - S2CA50 Effects of GALA on the secretion of proteins in liver cancer. Sahar EL AMRANI (MARSEILLE), Eugénie LOHMANN, Saba GOODARZI, Rebecca BENNION, Stephane AUDEBERT, Emilie BAUDELET, Frederic BARD

#50591 - S2CA51 NUPR1 - Taking Control of Iron Metabolism to Target PDAC. Emma COSIALLS (Marseille), Matias ESTARAS, Josephine SHABANI, Patricia SANTOFIMIA, Juan IOVANNA

#50634 - S2CA52 Glutaminase mechanosensitive glutamylation in breast cancer. Célia JARDIN (MARSEILLE), Lara NASR, Cecilia COLSON, Lucille BARBAN, Nathan GLISE, Anne-Sophie GAY, Véronique HENRIOT, Stephan CLAVEL, Carsten JANKE, Luc CAMOIN, Thomas BERTERO, Stéphanie TORRINO, Stéphane AUDEBERT

#50952 - S2CA53 Identify metabolic vulnerabilities that drive dissemination and metastatic expansion of pancreatic ductal adenocarcinoma. Georgios EFTHYMIU (Marseille), Paraskevi KOUSTERIDOU, Pierre BERTRAND, Stéphane AUDEBERT, Luc CAMOIN, Richard TOMASINI, Fabienne GUILLAUMOND, Sophie VASSEUR

#50136 - S2CA54 Hyper O-glycosylation drives cell competition in liver tumors. Saba GOODARZI (Marseille), Frederic BARD

#50120 - S2CA55 In vitro model to study Circulating Tumor Cells metastatic potential. Léa GIRONDIER, Claire ACQUAVIVA (Marseille), Emilie MAMESSIER

14:00 - 17:00

SESSION 4 : CANCER PROGRESSION AND TREATMENTS

14:00

Moderators: Emmanuelle CHARAFE (Marseille, France), Luca LIGNITTO (Marseille, France)

KEYNOTE: Cancer cell plasticity trajectories in the primary tumor and to the metastatic site. Angela NIETO (Alicante, Spain)

#50518 - Oral Communication: CO11 Single-cell analysis of treatment-associated dynamics in PDAC reveals drug-response programs and plasticity mechanisms driving chemoresistance. Nicolas FRAUNHOFFER (Marseille), Vladimir CHOLOFF, Brice CHANEZ, Alice BOILÈVE, Philippe SOUBEYRAN, Loïc MOUBRI, Analia MEILERMAN, Pascal HAMMEL, Thierry CONROY, Jerome CROS, Juan IOVANNA, Nelson DUSETTI, Prodiges-24/mosapac CONSORTIUM

Lecture: Transcriptomic signature of response in PDAC : from bench to clinical trial. Brice CHANEZ (Marseille, France)

#50564 - Oral Communication: CO12 ORGANOTREAT-01: a pioneering multicenter trial of organoid-driven precision medicine in refractory colorectal cancers. Jerome CARTRY (Villejuif)

LECTURE: Targeting netrin-1 in oncology: from a cell biology hypothesis to clinical data. Patrick MEHLEN (Lyon, France)

Poster / Talk prizes.

Salle
Major