

# 5th Course on Breast Cancer

From Clinic to Biology

October 3-7 2022, Institut Curie Paris

## PROGRAM



### Monday October 3 : Clinical Management

10:30: 10:45	<b>Fatima Mechta-Grigoriou &amp; François-Clément Bidard &amp; Anne Vincent-Salomon</b> Institut Curie - FR	Welcome & Introduction to the course
10:45 11:15	<b>Mathilde His</b> IARC- FR	Breast cancer epidemiology
11:15 11:40	<b>Anne Vincent-Salomon</b> Institut Curie - FR	Breast cancer diagnosis in Pathology and innovations in AI
11:40 12:00	<b>Students</b>	Student work: self-presentation in 3 min + questions
12:00 13:30	<b>LUNCH</b>	
13:30 14:00	<b>Caroline Malhaire &amp; Irène Buvat</b> Institut Curie - FR	Innovations in breast cancer imaging & radiomics
14:00 14:30	<b>Youlia Kirova &amp; Yolanda Prezado</b> Institut Curie - FR	Innovations in breast cancer radiation oncology
14:30 14:50	<b>Fabien Reyat</b> Institut Curie - FR	Innovations in breast cancer surgery
14:50 15:20	<b>Students</b>	Student work: self-presentation in 3 min + questions
15:20 15:40	<b>BREAK</b>	
15:40 16:10	<b>Suzette Delaloge</b> Gustave Roussy - FR	Innovations in breast cancer systemic treatments (/not immunotherapy)
16:10 16:40	<b>Emanuela Romano</b> Institut Curie - FR	Innovations in breast cancer immunotherapy
16:40 17:10	<b>Collectif Triplettes Roses</b>	Role of patients associations – the example of Triplettes Roses
16:40 17:00	<b>Students</b>	Student work: self-presentation in 3 min + questions

# 5th Course on Breast Cancer

From Clinic to Biology

October 3-7 2022, Institut Curie Paris

## PROGRAM



### Tuesday October 4 : Genomics of breast cancer and BRCAness

9:00 9:30	<b>Students</b>	Student work: self-presentation in 3 min + questions
09:30 09:45	<b>Dominique Stoppa-Lyonnet</b> Institut Curie - FR	Hereditary breast cancer
09:45 10:00	<b>Marc-Henri Stern</b> Institut Curie - FR	BRCAness at the bench
10:00 10:15	<b>Q&amp;A</b>	
10:15 10:30	<b>BREAK</b>	
10:30 11:30	<b>Andrew Tutt</b> ICR - UK	Clinical impact of BRCAness
11:30 12:00	<b>Students</b>	Student work: self-presentation in 3 min + questions
12:00 13:30	<b>LUNCH</b>	
13:30 14:30	<b>Jorge Reis-Filho</b> Memorial Sloan Kettering Cancer Center - USA	Molecular classification of breast cancer
14:30 15:30	<b>Carlos Caldas</b> Cancer Research UK Cambridge - UK	Mutational signatures: tracking the origins of breast cancer
15:30 15:45	<b>BREAK</b>	
15:45 16:30	<b>Meriem Sefta</b> Owkin - FR	AI & molecular diagnosis
16:30 18:00	<b>POSTERS / FLASH TALKS SESSION # 1 / 2</b>	

# 5th Course on Breast Cancer

From Clinic to Biology

October 3-7 2022, Institut Curie Paris

## PROGRAM



### Wednesday October 5 : Plasticity and Microenvironment

09:00 10:00	<b>Silvia Fre</b> Institut Curie, Paris - FR	Contribution of developmental biology to understand breast tumorigenesis
10:00 11:00	<b>Alain Puisieux</b> Institut Curie - FR	EMT and cellular pliancy
11:00 11:20	<b>BREAK</b>	
11:20 11:50	<b>Céline Vallot</b> Institut Curie - FR	Deciphering plasticity by single cell analysis
11:50 12:20	<b>Raphaël Rodriguez</b> Institut Curie - FR	Targeting cancer cell plasticity
12:20 13:30	<b>LUNCH</b>	
13:30 14:30	<b>VISITE MUSEE CURIE</b>	
14:30 15:15	<b>Eliane Piaggio</b> Institut Curie - FR	Role of lymphoid cells in breast cancer
15:15 16:00	<b>Jeffrey Pollard</b> MRC Centre for Reproductive Health - UK	Role of myeloid cells in breast cancer
16:00 16:15	<b>BREAK</b>	
16:15 17:00	<b>Christos Sotiriou</b> Institut Jules Bordet - BE	Cancer Associated Fibroblasts in breast cancer
17:00 18:00	<b>Andy Rankin</b> Amgen	Research in Pharma

# 5th Course on Breast Cancer

From Clinic to Biology

October 3-7 2022, Institut Curie Paris

## PROGRAM



### Thursday October 6 : Luminal B and lobular breast cancers / Impact of tumoral heterogeneity on treatment response

09:00 10:00	<b>Christine Desmedt</b> KU Leuven - BE	Biology of lobular breast cancer
10:00 11:00	<b>Patrick Derksen</b> UMC Utrecht - NL	Insight into the role of protein cell adhesion and breast carcinogenesis
11:00 11:15	<b>BREAK</b>	
11:15 12:00	<b>Georgios SFLOMOS</b> EPFL Lausanne - CH	Intraductal xenograft models of lobular carcinomas
12:00 12:30	<b>Priscilla Kelly</b> Senior Editor , Science	Publishing your paper
12:30 14:00	<b>LUNCH</b>	
14:00 14:45	<b>Fabrice André</b> IGR - FR	Metastatic genomic heterogeneity and theranostic biomarkers
14:45 15:30	<b>Kornelia Polyak</b> Dana-Farber Cancer Institute - US	Tumoral heterogeneity and response to anti-HER2 treatment
15:30 15:45	<b>BREAK</b>	
15:45 16:30	<b>Diether Lambrechts</b> VIB - BE	Tumoral heterogeneity and response to immunotherapy
16:30 17:15	<b>Guido Kroemer</b> CRC - FR	Role of metabolims in breast carcinogenesis and therapeutical opportunities
17:15 18:30	<b>POSTERS / FLASH TALKS SESSION # 2 / 2</b>	
17:30 19:00	<b>Cocktail</b>	

# 5th Course on Breast Cancer

From Clinic to Biology

October 3-7 2022, Institut Curie Paris

## PROGRAM



### Friday October 7 : Experimental models and Innovation

09:00 10:00	<b>Jean-Philippe Vert</b> Google brain & Mines ParisTech - FR	Machine learning and AI for precision medicine : opportunities and challenges
10:00 11:00	<b>Jos Jonkers</b> Netherlands Cancer Institute, Amsterdam - NL	Mouse models of breast cancer - KEYNOTE Séminar Marie Curie
11:00 11:15	<b>BREAK</b>	
11:15 11:45	<b>François-Clément Bidard</b> Institut Curie - FR	Liquid biopsy in breast cancer
11:45 12:15	<b>Laurence Zitvogel</b> Gustave Roussy - FR	Role of microbiota in breast cancer
12:15 12:30	<b>Fatima Mehta Grigoriou &amp; François-Clément Bidard &amp; Anne Vincent-Salomon</b> Institut Curie - FR	Closing Remarks / Best Poster Prize