

**Prashanti Cancer Care Mission**  
Reaching out with excellence



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# *NEWSLETTER*

## *December*

### *2021*

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**1) Dr. Koppiker presented on ‘Extreme Oncoplasty’ at ASOMACON-2021, Raipur.**

Dr. Koppiker was invited at the 5<sup>th</sup> Annual International Conference of the Asian Society of Mastology (ASOMACON-2021) hosted by BALCO Medical Center at Babylon Capital, Raipur, Chhattisgarh from 12<sup>th</sup> to 14<sup>th</sup> November 2021 with pre-conference workshops on 11<sup>th</sup> November 2021 in collaboration with the "European Society of Surgical Oncology", "Central Eastern-European Breast Cancer Surgical Consortium", "Breast Global", "American College of Surgeons - India chapter", "Gurukul of Surgical Disciplines.", and "Association of Surgeons of India" (Chhattisgarh Chapter).

The conference was one of the kind, organized in a hybrid pattern on a theme ‘Breast Care-including diversities’. He gave keynote address on ‘Extreme Oncoplasty’, a type of oncoplastic surgery which can be safely performed on breast cancer patients who get prescribed the gruesome procedure of mastectomy.

He was the panelist for ‘Plenary session of ICGA (Indian Cancer Genome Atlas’, ‘Perforator flaps’ and ‘Oncoplastic MDT’, Chairperson for Keynote address (Session – 33). He was also a part of the 38<sup>th</sup> session ‘European Society of Surgical Oncology session – Debate with masters and young promises’.





## 2) Ms. Laleh Busheri presented at the Patient Advocacy Program in Advanced Breast Cancer Consensus Conference (ABC6) Virtual Conference at Lisbon, Portugal (4<sup>th</sup> - 6<sup>th</sup> November).

Ms. Laleh Busheri along with the PCCM research team, presented their work on 'Breast Cancer biobank from a single Institutional cohort in an urban setting in India' as a part of the Patient Advocacy Program in 6<sup>th</sup> Advanced Breast Cancer Consensus Conference (ABC6, Virtual) at Lisbon, Portugal (4<sup>th</sup> – 6<sup>th</sup> November).

The primary goal of ABC consensus conference is the development of international consensus guidelines for the management of advanced breast cancer patients. These guidelines are based on the most up-to-date evidence and can be used to guide treatment decision-making in many different health care settings globally, with the necessary adaptations due to different access to care.

The poster presented by Ms. Laleh Busheri along with the PCCM team aims to highlight breast cancer database and tissue repository work done at Prashanti cancer Care and Orchids Breast Health. The aim is to profile breast cancers in an Indian cohort, this work consist of retrospective cohort consented and annotated patient data and tissue samples collected and curated from Breast cancer patients who visited our unit from 2010-2018. Early diagnosis, novel interventional strategies need to be integrated into the clinical management to combat disease progression, recurrence and death. Studying the molecular and genetic aspects of the disease- specific to India is the need of this hour.

This work is a valuable resource within the country as well globally to aid in the understanding of breast cancer in Indian cohort.



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## Abstracts - Basic and Translational Research

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### <sup>180</sup>Tc-TILMANOCEPT SPECT IMAGING AS A POTENTIAL NON-INVASIVE METHOD TO QUANTIFY CD206+ TUMOR-ASSOCIATED M2-LIKE MACROPHAGES IN TRIPLE NEGATIVE BREAST CANCER

Alexandre Bouchard<sup>1</sup>, Hugo Sikner<sup>1</sup>, Mathieu Moreau<sup>1</sup>, Emeric Limagne<sup>1</sup>, Pierre-Simon Bellaye<sup>1</sup>, Evelyne Kohli<sup>1</sup>, Bertrand Collin<sup>1</sup>  
<sup>1</sup>UMR INSERM/ub/AGRO SUP 1231, Team 3 HSP-Pathies, Dijon, France;  
<sup>2</sup>Centre Anti-cancerux Georges François Leclerc, Dijon, France;  
<sup>3</sup>UMR ub/CNRS 6302, Institut de Chimie Moléculaire, Dijon, France

Triple-negative breast cancer (TNBC) is the most aggressive subtype of breast cancers coupled with the highest probability of metastasis and a lack of specific targets. Progress regarding the modulation of tumor microenvironment (TME) and its follow-up by molecular imaging appear as valuable tools due to its central role in the development of TNBC. Among immunosuppressive cells of the TME, M2-like macrophages have been associated with cancer aggressiveness, therapy resistance and poor prognosis. The aim of this study was to assess if M2-like macrophages (i) could be tracked in vivo into the TME of triple negative breast cancer with SPECT imaging and (ii) could be modulated by the inhibition of Cp96, an endoplasmic reticulum chaperone involved in inflammatory processes that we have previously shown (Inserm UMR 1231, HSP-Pathies team 3) to be expressed at the cell membrane of human primary M2 macrophages. Tissues from mouse TNBC (4T1 cell line) were analyzed by immunohistochemistry (IHC) to detect the presence of Cp96 and CD206 (a marker of M2 macrophages) into the TME. <sup>180</sup>Tc-Tilmanocept, a SPECT probe specific to CD206, was investigated

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### BREAST CANCER BIOBANK FROM A SINGLE INSTITUTIONAL COHORT IN AN URBAN SETTING IN INDIA

Laish Busheri

Prashanti Cancer Care Mission

**Background:** A breast cancer biobank with retrospectively collected patient data and FFPE tissue samples was established in 2018 at Prashanti Cancer Care Mission, Pune, India. It runs a cancer care clinic with support from a single surgeon's breast cancer practice. The clinical data and tissue sample collection is undertaken with appropriate patient consent following ethical approval and guidelines.

**Methods:** The biobank holds clinical history, diagnostic reports, treatment and follow-up information along with FFPE tumor tissue specimens, adjacent normal and, in few cases, contralateral normal breast tissue. Detailed family history and germline mutational profiles of eligible and consenting patients and their relatives are also deposited in the biobank.

**Results:** Here, we report the first audit of the biobank. A total number of 954 patients with breast disease have deposited consented clinical records in the biobank. The majority of the records (80%, n=799) are of patients with infiltrating ductal carcinoma (IDC), Of 799 IDC patients, 434 (55%) have deposited tumor tissue in the biobank with consent. In addition, germline mutation profiles of 84 patients and their family members are deposited. Follow-up information is available for 83% of the 434 IDC patients with an average follow-up of 3 years.

**Conclusion:** The biobank has aided the initiation of translational research at our center in collaboration with eminent institutes like ISER Pune and SJRI Bangalore to evaluate profiles of breast cancer in an Indian cohort. The biobank will be a valuable resource to the breast cancer research community, especially to understand South Asian profiles of breast cancer.

Colisart, 75013 Paris, France; <sup>2</sup>Instat regional au Cancer, avenue des Apothicaires, 34298 Montpellier Cedex 5, France

Metastatic breast cancer (mBC) progression and associated treatments can significantly impact the patients' quality of life. A better understanding of the disease and health care is essential to support women suffering from mBC in their patient journey and help them to cope with their disease.

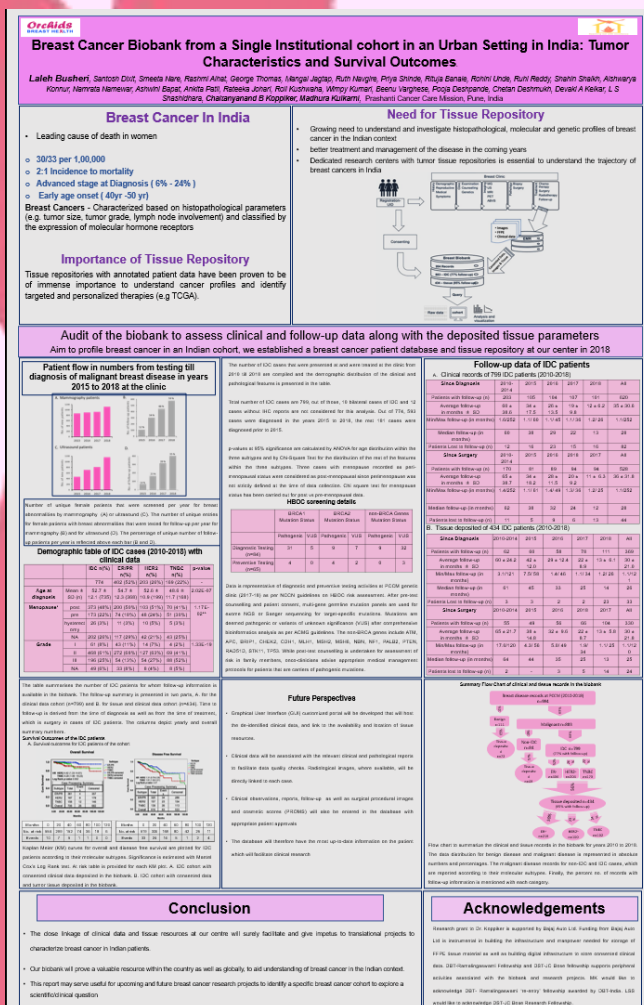
In 2015, the REALITES 1 survey was conducted with the aim of identifying the stages of mBC patients' journey, analyzing their experience of living with the disease and its treatments and studying the accumulative impact of the disease on patients' daily life. Five years later, REALITES 2 seeks to highlight the evolutions observed by patients and their physicians.

REALITES 2 is a physicians/patients mirror survey, carried out in 2020 among 57 medical doctors and 269 patients with mBC, thus allowing to analyze the matches between the cancer and treatments understanding by the patients and the reality of their medical journey. The survey results were compared with those of the REALITES 1 survey conducted in 2015 among 230 women with mBC.

Compared to 2015, patients declared that they have a better knowledge of their disease in 2020. Asked about their knowledge of the disease, 76% of patients knew they had metastasized cancer vs. 65% during the first wave.

Regarding the information provided during mBC announcement, patients were more positive in 2020. 78% of them reported that their medical doctor spent time listening them, vs. 68% in 2015; 73% felt free to ask their questions vs. 58% during the first wave. However, for 58% of the surveyed physicians, the information provided remains difficult to understand for a minority of patients. Throughout the REALITES 2 survey, patients also expressed their satisfaction with the information received about their treatment. 81% of them said they were informed about the adverse effects of treatments and 74% felt free to ask their questions, a percentage higher of 10% and 8% respectively compared to 2015.

In 2020, patients made more use of supportive care, such as social assistance (36% vs. 26% in 2015), aesthetic advice (26% vs. 16% in 2015), as well as physical activity advice (18% vs. 13% in 2015) that was useful for 80% of the patients (vs. 60% in 2015). Patients this



**3) The research arm of Prashanti Cancer Care Mission and Orchids Breast Health, Centre of Translational Cancer Research (CTCR) is delighted to announce the 3rd ICGA conference on “Biobanking to Omics: Collecting the Global Experience” funded by Bajaj Auto.**

ICGA Foundation is a not-for-profit, public-private-philanthropic partnership specially set up to host the Indian Cancer Genome Atlas (ICGA) Project. PCCM has been one of the founding organizations where ICGA was inceptioned.

The ICGA project is inspired by and modeled after The Cancer Genomics Atlas (TCGA) set up by the US National Cancer Institute in 2006. TCGA is the landmark cancer genomics program, that molecularly characterized over 20,000 primary cancer and matched normal samples spanning 33 cancer types.

Since Indian Cancers are different! The goal is to leverage our genetic diversity to learn more about cancers and to find precise treatments for our people.

So this year PCCM is proud to host the 3rd ICGA Conference on “Biobanking to Omics: Collecting the Global Experience” on 13th and 14th January 2022.

As we move forward with this ambitious national project, this year the focus will be on biobanking practices across the globe, with key faculty and coordinators sharing their experiences and advice to help the ICGA group make an informed choice on biobanking practices to be implemented in the effort.

The previous two TCGA-India conferences organized by PCCM in partnership with our other global partners gave an insight into the immense resource that a nation-wide cancer genomics program provides and its importance in cancer research. They conferences have seen an audience of 800+ participants. Stay tuned for registration details for the 3rd Conference and let's make it a resounding success! Save the date and visit the Conference page at <https://icga-conference.ctcr.in/>

**Save the Date**

We at  
Centre for Translational Cancer Research (CTCR)  
invite you all to the  
3<sup>rd</sup> ICGA Conference

**Biobanking to Omics  
Collecting the Global Experience**

**13<sup>th</sup> and 14<sup>th</sup> January 2022**

<https://icga-conference.ctcr.in/>

The aim of the conference is to bring together global experts who have successfully built comprehensive datasets to understand genetic and molecular profiles of cancer.  
As ICGA begins the profiling activities of cancer in India, the global experience will set a benchmark and be a guide towards excellence.

We invite all of you to attend the virtual conference and join hands with this collective initiative of ICGA to profile cancers in India.

'Losing is not an option. Be it your life, hope or Breasts'

ORCHIDSHEALTH.IN/CONTACT-US 020-25656110, 25650269, 9850840248

#### 4) Clinical Breast Examination Camp at Khanesar, Pune on 27<sup>th</sup> November 2021

With the rise in Breast Cancer Incidence, the clinical examination of the breasts represents the most widely practiced screening and evaluation technique available today. A Clinical Breast examination(CBE) camp was organized by Loop Health and Maxion Wheels Aluminium India Pvt. Ltd with Prashanti Cancer Care Mission at Khed City, Kanhesar, Pune on 27th November 2021. Ms. Ruth (Staff Nurse) from Orchid Breast Health Centre, carried out the clinical breast examination. Women suspected to have a lump on CBE were advised for a follow-up and were invited to Orchid Breast Health Centre. Ms. Rebecca Joseph (Clinical Coordinator, Orchids Breast Health Centre) gave an awareness talk on Breast Cancer which was well received by the participants.







## 5) A new awareness video series was featured as a part of October Breast Cancer Awareness month

As a part of Breast Cancer awareness month initiative, a new video series was featured focusing on breast health. Diet, lifestyle and genetics play a major part in determining why one gets cancer.

- a) The first video in the awareness video series was posted on 26<sup>th</sup> October 2021, titled 'How Breast Cancer Occurs?'

Due to hormonal changes during periods, girls' breasts are subjected to changes. If there is a tendency of obesity in the family, that is a major risk factor for cancer, hence it is recommended to keep your weight in check by exercising regularly.

A locally available fresh produce, maintaining portion control and eating at appropriate time intervals helps with maintaining a healthy and balanced diet. Smoking and consumption of alcohol are known to cause an increase in breast cancer cases.

Full video available at

[Orchids Breast Health Pune on Instagram: "Dr Koppiker's patients often ask him why does breast cancer occur? Since October is Breast Cancer Awareness Month, we bring to you a series..."](https://www.instagram.com/p/CVfWnzzp7-U/)  
( <https://www.instagram.com/p/CVfWnzzp7-U/> )

Why breast cancer occurs.mp4





- b) The second Video in the awareness video series was posted on 10<sup>th</sup> November, titled ‘ How Breast Cancer Begins?’

Due to several factors like genetics, environment, and lifestyle the cells in the mammary tissue (breast) get affected and might start to divide forming a tumor mass. But remember, that such a tumor stays in the primary site for around 8 yrs in the lesser-known stage 0 of Breast Cancer. In this window period of early breast cancer, it can be easily detected by a low-cost routine clinical breast cancer examination. Early detection of Breast cancer at this stage has a survival rate of 100%. To improve survival rates and treatment outcomes, you need to be fully aware of your own body, understand one's own risk and take the right steps towards diagnosing breast cancer early.

Link for full video - [Orchids Breast Health Pune \(@orchidsbreasthealthpune\) • Instagram photos and videos](https://www.instagram.com/p/CWGBAFWIMZr/)  
( <https://www.instagram.com/p/CWGBAFWIMZr/> )

How it begins (1).mp4



- c) The next video in the series was posted on 20<sup>th</sup> November 2021, titled 'What is mammography ?'

Around 75% of breast cancers are detected in mammography even before it's felt. Mammography - A breast Imaging technique, widely popular for early cancer detection. Mammography is a breast X-ray that can help detect small lesions or lumps on a routine clinical examination. It aids in the detection of cancer even in the dormant stage, when it is most curable and is confirmed by ultrasound followed by Trucut or vacuum-assisted biopsy. It can play a key role in screening Breast Cancer. Community sensitization and promoting screening and testing by organizing regular screening camps can help reduce anxiety and help in early detection of cancer in patients.

Full vido available at - [Orchids Breast Health Pune \(@orchidsbreasthealthpune\) • Instagram photos and videos](https://www.instagram.com/p/CWfdEEhMroH/)  
( <https://www.instagram.com/p/CWfdEEhMroH/> )

What's Mammography.mp4



**6) Freeships/ Major Concession for Diagnostics, Surgery, Chemotherapy, Onco-Pharmacy, Clinical Procedures and Consultations at Orchids Breast Health in November 2021**

**❖ 79 PATIENTS RECEIVED FREE / CONCESSIONAL MAMMOGRAPHY**



**❖ 109 PATIENTS RECEIVED FREE / CONCESSIONAL SONOGRAPHY**



**❖ 19 PATIENTS RECEIVED FREE AND CONCESSIONAL BIOPSY & VAB PROCEDURES (FOR REMOVAL OF FIBROIDS ETC).**





❖ **11 PATIENTS RECEIVED FREESHIP / MAJOR CONCESSIONS ON BREAST SURGERY**



❖ **30 PATIENTS RECEIVED FREE CHEMOTHERAPY AND 93 PATIENTS RECEIVED MAJOR CONCESSIONS AT OUR DAY CARE CENTRE FOR CHEMOTHERAPY**



❖ **190 PATIENTS RECEIVED FREE /CONCESSIONAL MEDICINES FROM OUR ONCO-PHARMACY**





## **7) PCCM appeals for support and donations to help save breast cancer patients**

We are ever grateful for your generosity and donations over the years that have helped save the lives of over 1000 young girls & women annually.

Many of them are alive with their families & loved one because of your generosity and big heart. Last year, because of your contributions we have been able to successfully treat over 3000 unaffording women with breast cancer through full freeships and major concessions in surgery, chemotherapy, radiation, free biopsies, diagnostics and much more, enabling them through the bewildering maze of challenges the disease brings through its wake & hand holding them to lead a normal life after cancer.

This year the unprecedented COVID-19 pandemic has presented challenges to the cancer patients and their families. Prashanti Cancer Care Mission has made every effort that no unaffording patient seeking our help is turned away.

This pandemic period has posed a huge challenge to needy patients, their care givers and Prashanti. We are striving to be able to take care of each and every woman coming for freeships and treatments.

We are now appealing to you for your support and generous donations, to help these young women battling with breast cancer to be able to get free treatment from us, so that no patient is turned away without help.

Every small amount from you would help save the lives of these women and allow them to live a healthy life with their loved ones.

Following are the details through which you can donate to Prashanti  
You may donate via either of the two options:

**a. Through the donation page on the website:**

<https://www.prashanticancercare.org/donations.php>

**or**

**b. Send us a cheque in favour of “Prashanti Cancer Care Mission”**

**Address: 1,2 Kapilvastu, Senapati Bapat Road, Pune, Maharashtra 411016**

Please mail your Full Name, PAN Card copy, Mobile Number and Address proof to [accounts@prashanticancercare.org](mailto:accounts@prashanticancercare.org) so as to enable us to courier or email to you the 80G tax exemption certificate and donation receipt.

Every donation will receive a Receipt, benefit of Tax Deduction under 80G of IT Act 1961 and a Thank you Letter within a week or two.



For any queries, please feel free to contact me personally on 9850251000.

A big thank you once again for all the support over the years. Without your help, it would be impossible to do what we do. God Bless and wishing you and your family a blessed life.



## **8) Testimonials of a few patients who were adopted for Freeship in October 2021**

### **Mr. Nivanjan**

Right from the day of our first visit at Orchids, surprised to see the entire staff very supportive and cooperative. The fear of surgery/ treatment/ therapy, which we had in the initial stage could overcome easily. Dr. Koppiker, was very supportive, specially like to thank, Ms. Smeeta/ George and other nursing staff. Ms. Smeeta and Mr. George for their timely support.

### **Mrs. Savita M Waghmare**



I would like to thank all the people from Orchid Breast Health for supporting us right from the beginning.

This is the second time we detected breast cancer and they have been generous and helpful through every side of the treatment. Specially, George and Dr. Deshmukh Sir. I wish them all the best and will always be in their debt for helping us.

### **Mrs. Meena Mehta**

The Day-1, when I was detected with Cancer, I got very scared. With hopes, on of my friend suggested Dr. Koppiker's name for treatment under him. Dr. Koppiker and his staff and the team is just excellent. I thank all of them for giving me such a wonderful treatment during this tough period. Very nice facility and now, I am so happy to have a family like this. Special thanks to George for his work. Salute to all.

We would like to **THANK** our  
**Donors & Supporters**  
for their unconditional support over the years

Prashanti Cancer Care Mission  
Reaching out with excellence



Warm Regards,  
Ms. Laleh Busheri

CEO

Prashanti Cancer Care mission

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