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TATA MEMORIAL CENTRE
ADVANCED CENTRE FOR TREATMENT, RESEARCH AND EDUCATION IN CANCER
"A Grant-in-Aid institute under Depart of Atomic Energy, Govt of India"

27th Aug 2023

Sub: Declaration by the applicant

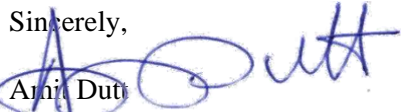
This is to certify that all the following research work on tongue cancer characterization presented for the consideration of *Sun Pharma Award for Medical Sciences- Clinical Research* were undertaken in my laboratory at ACTREC- Tata Memorial Centre, Kharghar, Mumbai. This work has not been submitted for consideration of any other award.

Extent of the contribution of the others associated with the research

1. Dharavath B, Butle A, Pal A, Desai S, Thorat R, Upadhyay P, Nair S, **Dutt A**. *UBEC3-LRP5* Fusion is a Novel Oncogenic Driver in Head and Neck Cancer with Therapeutic Implications. *npj Precision Oncol* (accepted). **Patent:** Temp/E- 8000 1/63425/2023-MUM
2. Desai S, Dharavath B, Manavalan S, Rane A, Redhu AK, Sunder R, Butle A, Mishra R, Joshi A, Togar T, Apte S, Bala P, Chandrani P, Chopra S, Bashyam MD, Banerjee A, Prabhaskar K, Nair S, **Dutt A***. Fusobacterium nucleatum is associated with inflammation and poor survival in early-stage HPV-negative tongue cancer. *NAR Cancer*. 2022 Mar 4;4(1):zcac006.
3. Upadhyay P, Gardi N, Desai S, Chandrani P, Joshi A, Dharavath B, Arora P, Bal M, Nair S, **Dutt A***. Genomic characterization of tobacco/nut chewing HPV-negative early stage tongue tumors identify MMP10 as a candidate to predict metastases. *Oral Oncol*. 2017 Oct;73:56-64.
4. Upadhyay P, Nair S, Kaur E, Aich J, Dani P, Sethunath V, Gardi N, Chandrani P, Godbole M, Sonawane K, Prasad R, Kannan S, Agarwal B, Kane S, Gupta S, Dutt S, **Dutt A***. Notch pathway activation is essential for maintenance of stem-like cells in early tongue cancer. *Oncotarget*. 2016 Aug 2;7(31):50437-50449.
5. *miR-944/MMP10/AXL*- axis Mediates Lymph Node Metastasis in Early-Stage Tongue Cancer Dharavath, B, Butle A, Pal A, Desai S, Upadhyay P, Rane A, Khandelwal R, Manavalan S, Thorat R, Sonawane R, Vaish R, Gera P, Bal M, D'Cruz AK, Nair S, Dutt A. *Communications Biology* 2022.
6. Chandrani P, Kulkarni V, Iyer P, Upadhyay P, Chaubal R, Das P, Mulherkar R, Singh R, **Dutt A***. NGS-based approach to determine the presence of HPV and their sites of integration in human cancer genome. *Br J Cancer*. 2015 Jun 9;112(12):1958-65.

All the above work were conceptualized by me and performed under my direct supervision by the graduate students from my laboratory, who are the lead authors, in collaboration with Dr Sudhir Nair, our clinical collaborator, who made the clinical specimens available for the study.

Sincerely,


Amit Dutt

खारघर, नवी मुंबई - ४१० २१० इंडिया
दूरभाष ९१-२२-२७४०५००० / २७४१२९१९
फैक्स ९१-२२-२७४०५०८५

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