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PATENT GRANTED:

(ii) Assay for detecting a target analyte from biological sample and a method of detection thereof.

Seema Nara, Pranav Tripathi and Manisha Sachan, MNNIT Allahabad

Patent No. 543707

Date of grant: 28.06.2024

(i) A non-invasive assay and a method for early detection of ovarian cancer

Alka Singh and Manisha Sachan, MNNIT Allahabad

Application No. 2021-11002569

Patent No.551661

Date of grant: 30.09.2024

PATENT FILED:

A method for quantification of a plurality of biomarkers for the management of ovarian cancer

Deepa Bisht and Manisha Sachan, MNNIT Allahabad

Application No.: 202511059969

Date of Filing: 23.06.2025

BOOK CHAPTERS PUBLISHED:

S. No.	Author(s)	Year of Publication	Book Title	Title of Chapter if any	Page No. (if reqd)		ISBN/ISS N No.	National / International	Publisher
					From	To			
1.	Agarwal V, Sachan M, Sirohi P	2013	Recent Progress in medicinal plants	Book Chapter: Herbal product-based remedies	343	370	ISBN: 1-933699-	International	Studium Press LLC

			Vol 38	against microbial infections and resistance			98-1		
2.	Sinha P, Nara S and Sachan M	2014	Horizons in Cancer Research Vol 53	Book Chapter: Epigenetic regulation of cancer	169	190	ISBN: 978-1-63117-246-5	International	Nova Science Publisher, New York
3.	Malik S, Sachan M and Nara S	2015	Advances in Neurotherapeutic Delivery Technologies	Book Chapter: Nano-Strategies for Neuroimaging and Diagnostics	142	157	ISBN: 978-1-63278-036-2	International	Omics Group
4.	Rastogi M, Sinha P, Gupta S and Sachan M	2016	Recent Advances in Ovarian Cancer	Book Chapter: Protein, Methylated DNA and Micro RNA: Potential Candidates Towards Sustainable Ovarian Cancer Diagnostics	28	59	ISBN: 978-81-932583-4-7	International	Avid Science, Germany
5.	Kumar V, Suhag M and Sachan M	2017	Horizons in Cancer Research Vol 67	Book Chapter: mi RNA as novel diagnostic and predictive biomarker in human cancer	1	50	ISBN: 978-1-56311-058-6	International	Nova Science Publisher, New York
6.	Singh A and Sachan M	2017	Advances in Biotechnology Vol 1	Book Chapter 8: Cancer Epigenetics: Role of Epigenetic Events in the Onset and Progression of Cancer	1	31	978-93-87500-18-1	International	Open access ebook, WilmingtonDE
7.	Verma R K, Sachan, M, Vishwakarma, K, Upadhyay, N, Mishra R K, Tripathi D K, Sharma S	2018	Role of Rhizospheric Microbes in Soil: Volume 2: Nutrient Management and Crop Improvement,	Book Chapter: Role of PGPR in sustainable agriculture: Molecular approach toward disease suppression and growth promotion	259	290	978-981-13-0044-8	International	Springer, Singapore
8.	V Kumar, A Singh, P Gautam, M Sachan	2019	Biomedical Engineering and its Applications in Healthcare,	Book Chapter: Techniques/Tools to Study Epigenetic Biomarkers in Human Cancer Detection	327	351	978-981-13-3705-5	International	Springer, Singapore
9.	Bisht, D., Maddheshiya, S., Nara, S., & Sachan, M.	2023	Natural Products and Nano-formulations in Cancer Chemoprevention	Book Chapter: Nano-Formulations of Chemotherapeutic Drugs: Recent Outlook, Advances, and Challenges in Cancer Management DOI: 10.1201/b23311-9	143	163	978-100-33-6896-0	International	CRC Press
10.	Srivastava, A., Rai, S., Bisht, D., Sachan, M., Jit, B. P., & Srivastava, S.	2022	In Protein Kinase Inhibitors	Targeting the altered tyrosine kinases in colorectal cancer: From inhibitors to drugs.	361	391		International	Academic Press.
11.	Gupta S, Singh B, Gupta S and Sachan M	2023	Horizons in Cancer Research. Volume 85	The Landscape of Genetic and Epigenetic Biomarkers in Oral Cancer: A Liquid Biopsy Approach	151	190	979-88697-730-1	International	Nova Science Publisher, New York
12.	Deepa Bisht, Mridula Bhadra, Nikita Sharma, and Manisha Sachan,	2023	Epigenetics of Human Diseases 3e, Vol 1	Aberrant DNA Methylation Signatures in Gynaecological Malignancies: Implications for early diagnosis, prognosis, and therapy	931	957	1978-04432-181-25	International	Elsevier