

## **Publications:**

- 1) **Nirmalya Sen**, Allison M. Cross, Philip L. Lorenzi, Javed Khan, Berkley E. Gryder, Suntae Kim, Natasha J. Caplen. EWS-FLI1 reprograms the metabolism of Ewing sarcoma cells via positive regulation of glutamine import and serine glycine biosynthesis. **Molecular Carcinogenesis**. 2018;1–16. <https://doi.org/10.1002/mc.22849>.
- 2) Berkley E. Gryder , Marielle E. Yohe , **Nirmalya Sen** , Hsien-Chao Chou , Xiaohu Zhang , Joana Marques , Marco Watchte , Beat Schaefer , Alberto Gualtieri , Silvia Pomella , Rossella Rota , Young K. Song , Abigail Cleveland , Xinyu Wen , Mr. Sivasish Sindiri , Jun S. Wei , Frederic G. Barr , Rajarshi Guha , Madhu Lal-Nag , Marc Ferrer , Thorkell Andresson , Jack F. Shern , Keji Zhao , Craig J. Thomas, Javed Khan. PAX3-FOXO1 Establishes Myogenic Super Enhancers and Confers BET Bromodomain Vulnerability. **Cancer Discovery**, Volume 7, Issue 8, p884-899, August 1, 2017.
- 3) Patrick J. Grohar, Suntae Kim, Guillermo O. Rangel Rivera, **Nirmalya Sen**, Sara Haddock, Matt L. Harlow, Nichole K. Maloney, Jack Zhu, Maura O'Neill, Tamara L. Jones, Konrad Huppi, Magdalena Grandin, Kristen Gehlhaus, Carleen A. Klumpp-Thomas, Eugen Buehler, Lee J. Helman, Scott E. Martin, and Natasha J. Caplen. Functional Genomic Screening Reveals Splicing of the EWS-FLI1 Fusion Transcript as Vulnerability in Ewing Sarcoma. **Cell Reports**, Volume 14, Issue 3, p598–610, 26 January 2016
- 4) **Nirmalya Sen**, Gui Bin, Rakesh Kumar. Role of MTA1 in cancer progression and metastasis. **Cancer Metastasis Rev.** 2014 Dec;33(4):879-89.
- 5) **Nirmalya Sen**, Gui Bin, Rakesh Kumar. Physiological functions of MTA family of proteins. **Cancer Metastasis Rev.** 2014 Dec;33(4):869-77.
- 6) Rajni Kumari, **Nirmalya Sen** and Sanjeev Das. Tumour suppressor p53: understanding the molecular mechanisms inherent to cancer. **Current Science**, Vol. 107, August 2014
- 7) **Nirmalya Sen**, Rajni Kumari, Manika Inderjit Singh and Sanjeev Das. HDAC5, a Key Component in Temporal Regulation of p53-Mediated Transactivation in Response to Genotoxic Stress. **Molecular Cell**, Volume 52, Issue 3, 406-420, 10 October 2013.
- 8) **Nirmalya Sen**, Yatendra Kumar Satija and Sanjeev Das. p53 and metabolism: Old player in a new game. **Transcription**, Volume 3, Issue 3, 119 – 123, May/June 2012.

9) **Nirmalya Sen**, Yatendra Kumar Satija and Sanjeev Das. PGC-1 $\alpha$ , a Key Modulator of p53, Promotes Cell Survival upon Metabolic Stress. **Molecular Cell**, Volume 44, Issue 4, 621-634, 18 November 2011