

ICMAP 2018

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Prof. Sun Jung Kim

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Dr. Sun Jung Kim is a professor at Department of Life Science, Dongguk University, South Korea. He received his Ph.D. in 1991 in Molecular Biology from KAIST, Korea, and trained as a post doc at the NIH, USA.

In 2000, he became a faculty member at Dongguk university and since then he has been focused on the epigenetics of breast cancer.

Recently, he is expanding his career on cancer epigenetics by combining together with the cold atmospheric plasma.

As representative plasma-medicine works, he identified epigenetic markers including cancer-related genes regulated by CpG methylation and microRNAs that are affected by plasma in breast cancer cells.

At the meeting, Dr. Kim will present his recent work on the plasma that contributes to the recovery of anti-cancer drug sensitivity in cancer cells.

The title is "Application of cold atmospheric plasma to overcome drug-resistance in cancer cells".