

ICMAP 2018

The 7th International Conference on Microelectronics and Plasma Technology

July 24–28, 2018 / Songdo ConvensiA, Incheon, Korea

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Debarati Shome is a doctoral candidate at Leibniz Institute for Plasma Science & Technology (INP), Greifswald in Germany. She holds a B.Sc. (Honours) in Microbiology from St. Xavier's College, Kolkata, India (2012) and M.Sc. in Biotechnology from University of Calcutta, India (2014). After finishing her studies, she worked as a research assistant at Indian Institute of Science, India and Institute for Research in Biomedicine, Spain where she investigated on spatial-temporal dynamics of ERK and role of p38 MAPK in intestinal inflammation & wound healing. Presently, her research focusses on the effect of cold atmospheric plasma in cell migration, signaling and molecular markers of wound healing machinery.