

Publications

List of Publications

Articles Published

1. Jana S*, **Chatterjee K***, Ray AK, Dasmahapatra P, Swarnakar S. Regulation of Matrix Metalloproteinase-2 Activity by COX-2-PGE2-pAKT Axis Promotes Angiogenesis in Endometriosis. *PLoS ONE* **2016**, 11(10), e0163540.
***Joint first author**
2. Jana S, Ray AK, **Chatterjee K**, Dasmahapatra P, Swarnakar S ‘Achilles Heel’ for Endometriosis: Pathway to Malignancy? *Med J Obstet Gynecol.* **2016**, 4 (3), 1085.
3. Yadav DK, Bharitkar YP, **Chatterjee K**, Ghosh M, Mondal NB, Swarnakar S. Importance of Neem Leaf: An insight into its role in combating diseases. *Indian J Exp Biol.***2016**, 54, 708-718

Articles Communicated

1. **Chatterjee K**, Jana S, Swarnakar S. MMP-7 promotes epithelial mesenchymal transition in ovarian endometriosis through EGFR-ERK-AP-1 signaling axis. (Manuscript Under Communication)
2. **Chatterjee K**, Jana S, Ray AK, Dasmahapatra P, Swarnakar S. Ovarian endometriosis with or without adenomyosis exert differential responses for pulsetile, muscle contractile, steady and psychological pain. (Manuscript Under Communication)
3. Jana S, **Chatterjee K**, Swarnakar S. Melatonin rescues arsenic-mediated implantation failure and decidualization in mice through modulation of MMP-9 activity and integrin-MAPK signaling. (Manuscript Under Communication)

List of presented abstracts

1. **Chatterjee K, Jana S, Ray AK, Dasmahapatra P, Swarnakar S. Increased association of vimentin and N-cadherin with progression of ovarian endometriosis and involvement of matrix metalloproteinases.** 2nd International Meet on Cell Signalling Networking (CeSiN) 2014, Kolkata, India (Poster presentation).
2. **Jana S*, Chatterjee K*, Ray AK, Dasmahapatra P, Swarnakar S. Influence of Matrix Metalloproteinase-2 on Angiogenesis during Ovarian Endometriosis.** International Congress on Endometriosis, 20-22nd Nov 2015, Kolkata, India (Oral Presentation).
3. **Pandit A, Chatterjee K, Dasmahapatra P, Swarnakar S Association of MMP13 (-77 A/G) promoter polymorphism with the risk of Endometriosis.** 3rd International Meet on Cell Signalling Networking (CeSiN) 2016, Kolkata, India (Poster presentation).
4. **Dasmahapatra P, Jana S, Chatterjee K, Ray AK, Swarnakar S. Can Matrix Metalloproteinases indicate endometriosis invasiveness and possible malignant change?** RCOG World Congress 12-15th April, 2015, Brisbane, Australia.
5. **Dasmahapatra P, Jana S, Chatterjee K, Ray AK, Swarnakar S. MMP-3 mediated endometriotic development: good or evil?** 12th World Congress on Endometriosis 2014, SaoPaulo, Brazil.