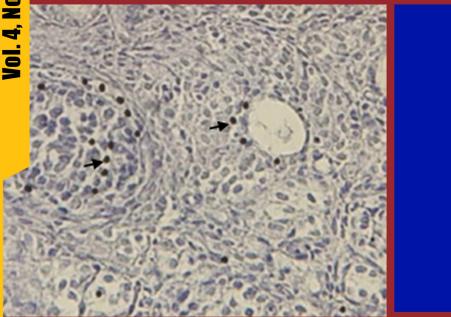


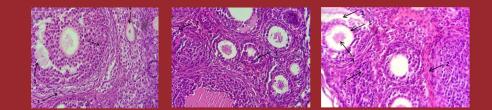




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2. Ansary MM, Ishihara S, Oka A, Kusunoki R, Oshima N, Yuki T, et al. Apoptotic Cells Ameliorate Chronic Intestinal Inflammation by Enhancing Regulatory B-cell Function. Inflamm Bowel Dis 2014. doi: 10.1097/mib.00000000000240

3. Bagalkot V, Zhang L, Levy-Nissenbaum E, Jon S, Kantoff PW, Langer R, et al. Quantum dot-aptamer conjugates for synchronous cancer imaging, therapy, and sensing of drug delivery based on bi-fluorescence resonance energy transfer. Nano Lett 2007; 7: 3065-70. doi: 10.1021/nl071546n

4. Bailey VJ, Easwaran H, Zhang Y, Griffiths E, Belinsky SA, Herman JG, et al. MSqFRET: a quantum dot-based method for analysis of DNA methylation. Genome Res 2009; 19: 1455-61. doi: 10.1101/gr.088831.108

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Editorial Open

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|-------------|---------|----------|
| Submissions | | Reviewed |

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