

Mitosis Detection in Breast Cancer Histological Images

There is an ongoing contest on mitosis detection.

See <http://ipal.cnrs.fr/ICPR2012/>

The task is to implement some part of the image analysis tasks in this contest.

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Prophase Metaphase Telophase

Figure: Some examples of mitotic phases.

The main goal is to be able to tell what is the mitotic count on each image. A segmented mitosis would be counted as correctly detected if its centroid is localised within a range of $5\mu\text{m}$ from the centroid of a ground truth mitosis.