

ABBREVIATIONS

ATCC	American Type Culture Collection
CD	Contrastive Divergence
CNN	Convolutional Neural Network
CTC	Circulating Tumour Cells
DBN	Deep Belief Network
FFN	Feed Forward Neural Network
FNAC	Fine Needle Aspiration Cytology
FoV	Field of View
GLCM	Gray Level Co-occurrence Matrix
IFC	Imaging Flow Cytometry
LBP	Local Binary Pattern
Mf-Ms	Microfluidic Microscopy
mIFC	Microfluidics Imaging Flow Cytometry
MRI	Magnetic Resonance Imaging
NA	Numerical Aperture
NN	Nearest Neighbour
PCA	Principal Component Analysis
RBC	Red Blood Cells
RBM	Restricted Boltzmann Machine
ReLU	Rectified Linear Unit
SIFT	Scale Invariant Feature Transform
SML	Soft-Max Log-loss
SVM	Support Vector Machines
WBC	White Blood Cells
MCC	Matthews Correlation Coefficient