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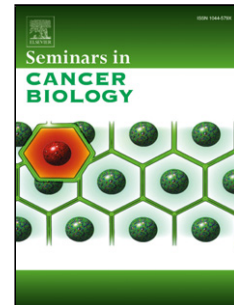
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Special Issue: Progress in Biological Understanding of Cancer Metastasis

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Understanding metastatic spread

Malignant neoplasms are comprised of cells with specific features differing them from normal cells. Thus, malignant cells are characterized by the increased proliferation rate, lack of differentiation, invasive and metastatic capacities. Since metastatic spread is a leading cause of cancer-related deaths, both basic researchers and clinicians try to elucidate the mechanisms of metastasis development. Unfortunately, the biology of cancer metastasis is still poorly understood, and metastasis-associated death rates have not markedly changed over the past 30 years because metastatic lesions demonstrate limited sensitivity to currently existing therapeutic approaches [1]. Therefore, the scientific discussion of the challenges of targeting metastasis could help to find new ways of combatting the metastatic spread.

We are pleased to introduce this special issue “Progress in Biological Understanding of Cancer Metastasis”, presenting the review articles devoted to the molecular mechanisms underlying the cancer cell spread around the body. An understanding of these intracellular and intratumoral molecular events governing the development of

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