

Preface

The goal of this brief is to introduce modern electrochemical analytical techniques and the applications for the analysis of proteins and cells. So far, a large number of papers have been reported on the analysis of proteins and cells, which play important roles in all biological sciences, such as biochemistry, cell biology, molecular biology as well as biomedical fields like cancer research. An in-time summary is urgently needed. We therefore planned to publish a brief on this topic. The main emphasis is on the principles of electrochemical strategies and the practical utility of the detection systems. This brief offers an up-to-date, easy reading presentation of recent advances on the subject and is suitable to be used as a supplement for graduate-level courses in analytical chemistry, biochemistry, biophysics, biotechnology, biomedical engineering, etc. It may also help young scientists to get an overview on this topic.

Genxi Li
Peng Miao

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Li, G.; Miao, P.

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