

ImmunoAnalysis: A New Journal to Publish Peer-Reviewed Manuscripts in the Fields of Pharmaceutical Analysis and Immunology

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ePublished: 30 March 2021

The immunoassay area in clinical chemistry began with the development of the first immunoassay for insulin by Solomon Berson and Rosalyn S. Yalow in 1959.¹ Their work resulted in their receipt of the Nobel Prize in Physiology or Medicine in 1977. The radioimmunoassay for insulin has paved the way for the development of immunoassays for thousands of other analytes over the ensuing half a century. A decision by Drs. Berson and Yalow to not patent this technology accelerated the progress of immunoassay development.² Immunoassay technology continues to evolve with new applications and improved analytical platforms. The future appears to be headed in two directions: continued improvement in immunodetection methods for very high-sensitivity applications, and multiplex analysis. During 1995–2021, a wide range of immunoassays has been developed to provide the quantitative, semi-quantitative, or qualitative detection of analytes in various bioanalytical settings, such as clinical diagnostics, biopharmaceutical analysis, environmental monitoring, security, and food testing. However, there is only one specialized journal in this field namely “Journal of Immunoassay and Immunochemistry”.³ ImmunoAnalysis as the second journal in this field will provide a platform for the publication of studies on all scientific aspects of immune analysis, including developing bioanalytical methods such as quantification of small molecules, peptides, proteins, antibodies, biomarkers, and immunoassay methods, and studies in immunology field such as innate immunity and inflammation; immune receptors, cellular and systemic immunity; vaccines; immune tolerance; autoimmunity,

tumor immunology, and microbial immunopathology. It is a peer-reviewed, platinum open access journal (no processing or publication fees) intended to maintain the highest possible global scientific standards.

We acknowledge the support from TUOMS press in making use of their facilities and for hosting the journal. The members of the editorial board by using their wide range of perspectives and expertise make a journal that will be an indispensable resource and a sum of parts offering something new to forthcoming studies. We have been buoyed and empowered by their supports. Crucially, of course, those reviewers who will spend their time and energy to assess submissions are a fundamental part of this endeavor.

Finally, starting this journal is not meant to provide just another “outlet” for papers, but stems from the ambition to continue, develop and start important discussions in the field of immune analysis. We warmly invite you to join us as reviewers and authors to speed up the growth of this journal. The issues ImmunoAnalysis considers are yours.

Conflict of Interest

The authors declare that there are no conflicts of interest.

References

1. Yalow RS, Berson SA. Assay of plasma insulin in human subjects by immunological methods. *Nature*. 1959;184(4699):1648–9. doi: 10.1038/1841648b0
2. Wu AH. A selected history and future of immunoassay development and applications in clinical chemistry. *Clin Chim Acta*. 2006;369(2):119–24. doi: 10.1016/j.cca.2006.02.045
3. *Journal of Immunoassay and Immunochemistry*. Available from: <https://www.tandfonline.com/toc/ljii20/current>

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