

### 【Symposium 1-3】

#### Trends and New Advances of Membranous Nephropathy

#### 膜性腎病變的趨勢與新進展

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Membranous nephropathy, a complex and often enigmatic renal disorder, stands at the intersection of evolving trends and cutting-edge advances in nephrology. This speech explores the dynamic landscape of membranous nephropathy, delving into the latest trends that shape our understanding of the disease and unveiling the innovative strides made in diagnosis and treatment.

The presentation begins with an overview of the epidemiological shifts and demographic patterns influencing the prevalence and incidence of membranous nephropathy worldwide. Attendees will gain insights into the factors driving these trends and the implications for patient care and public health.

Moving beyond epidemiology, the speech highlights the recent discoveries in the pathogenesis of membranous nephropathy. From the identification of novel biomarkers to the elucidation of immunological mechanisms, the audience will be brought up to speed on the molecular intricacies underpinning this renal condition. The integration of genomic and proteomic data into our understanding of membranous nephropathy will be explored, opening new avenues for personalized medicine and targeted therapies.

Diagnostic modalities have witnessed significant advancements, and the speech will navigate through the latest imaging and laboratory techniques revolutionizing the identification and classification of membranous nephropathy. From non-invasive imaging to precision medicine approaches, attendees will gain a comprehensive understanding of the diagnostic arsenal available to clinicians.

Treatment paradigms are undergoing a transformative shift with the advent of novel therapeutic agents and tailored interventions. The speech outlines the latest clinical trials, pharmacological breakthroughs, and emerging immunotherapies that promise improved outcomes and quality of life for patients with membranous nephropathy. Special attention will be given to the delicate balance between efficacy and minimizing treatment-related adverse effects.

In conclusion, this speech aims to equip healthcare professionals and researchers with a nuanced understanding of the current trends and pioneering advances in membranous nephropathy. By embracing these developments, the nephrology community can collectively propel the field forward, ultimately enhancing our ability to diagnose, treat, and manage this intricate renal disorder in an era of unprecedented scientific progress.

**Keyword:** membranous nephropathy, autoantigen, precision medicine.

