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TOR VERGATA
UNIVERSITÀ DEGLI STUDI DI ROMA

Con il patrocinio di

Sin reni Società Italiana Nefrologia

SAVE THE DATE

1 ROMA
febbraio 2025

COMPLEMENT RARITY

AULA ANFITEATRO GIUBILEO 2000
Policlinico Universitario Tor Vergata
(Viale Oxford, 81)

COMPLEMENT AND KIDNEY:
from rarity to complementarity

RESPONSABILI SCIENTIFICI
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Nell'anno del Giubileo
nel mese delle Malattie Rare

The “Complement(R)arity” aims to offer an up-to-date view on evidence and perspectives on the role of the Complement System from a primary mechanism to a driver of progression of rare immune-mediated diseases with renal and systemic involvement. The opening of the works anticipates the common thread of the event: a Lecture unravels pathophysiological mechanisms of kidney disease in which the components of the Complement System play a key role. The first session is dedicated, as a starting point, to primary dysfunctions of Complement: genetically determined diseases, related to congenital defects of specific proteins of the Complement System, can provide a complete view of the complex network between the Complement System and other pathways. The second session focuses, therefore, on acquired dysfunctions of Complement, related to mechanisms of disease and damage in both the rare diseases and the aging-related conditions, in which the interplay between nutritional factors and immune response can have a relevant role. To introduce the third session, the program offers a Lecture on complement-mediated mechanisms in systemic autoimmune diseases. The session dedicated to rare and complex connective tissue diseases retraces, in all its topics, the common thread of activation and dysregulation of the Complement System from the point of view of the organ damage (with a prevalent focus on nephropathy), obstetric-gynecological, and pediatric implications, along with targeted and innovative therapeutical strategies. The last session is dedicated to rare vasculitides characterized by a prevalent renal and lung involvement: intriguing insights on Complement activation in eosinophilic disorders as well as in lung and kidney diseases in Systemic Sclerosis are also addressed.
The main aim of the Congress is, therefore, to define the relevance of the “complementarity” of the multi-disciplinary management - necessary for the diagnostic suspicion, management, and therapies - of rare and complex *immune-nephropathies*: in this context, disorders characterized by dysregulations of the Complement System, although rare (“Rarity”), are a well-documented model and, at the same time, an intriguing focus of ongoing research.

Artwork: Simona Reniè - *Stampa*: Arti Grafiche Vincerò Srl

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