

EVENTO ECM RES**Complement(R)arity
Complement and Kidney - 2nd ed.
Evolution in Therapy****Roma, 6-7 febbraio 2026****Aula Anfiteatro Giubileo 2000 – Policlinico Universitario Tor Vergata****SEDE****6 febbraio 2026**

Aula Anfiteatro Giubileo 2000, Policlinico Universitario Tor Vergata (PTV) - Viale Oxford, 81 – 00133 Roma

7 febbraio 2026

Hotel NH Collection Giustiniano, Via Virgilio, 1 E/F/G – 00193 Roma

RESPONSABILI SCIENTIFICI**Anna Paola Mitterhofer**, Nefrologia, Università di Roma Tor Vergata**Paola Triggianese**, Immunologia Clinica e Allergologia, Policlinico Universitario Tor Vergata**SEGRETERIA SCIENTIFICA:**

Francesca Cedola, Francesca Chiereghin, Stefano Condò, Mira Dimko, Annalisa Noce

DESTINATARI**L'evento sarà accreditato per n. 100 partecipanti per le seguenti figure professionali:**

- **Medico – Chirurgo** - Allergologia e Immunologia Clinica, Anatomia Patologica, Anestesia e Rianimazione, Biochimica Clinica, Ematologia, Endocrinologia, Gastroenterologia, Genetica Medica, Geriatria, Ginecologia e Ostetricia, Malattie dell'Apparato Cardiovascolare, Malattie dell'Apparato Respiratorio, Malattie Infettive, Medicina Generale (medici di famiglia), Medicina Interna, Medicina d'Urgenza, Nefrologia, Neurologia, Nutrizione Clinica, Oftalmologia, Oncologia, Otorinolaringoiatria, Patologia Clinica, Pediatria, Reumatologia
- **Biologo**
- **Farmacista Ospedaliero**
- **Infermiere**

PROVIDER ECM E SEGRETERIA ORGANIZZATIVA**DOTCOM s.r.l. - ID 680**

Via Flaminia, 54 – 00196 Roma

Tel. 06/4061370 – Fax 06/3242600

info@dotcomeventi.com – www.dotcomeventi.com

Rationale

The “Complement(R)arity” in its 2nd Edition aims to offer an up-to-date on the *evolution in therapy* of rare immune-mediated diseases with renal and systemic involvement in which Complement System represents a key driver.

The opening of the works provides a Plenary Lecture unravelling an overview on potential application of precision medicine in rare diseases. The first session focuses, as a starting point, to novel evidence on Complement System in mechanisms of immunosenescence and renal fibrosis as well as in retinal microvascular network in kidney diseases. Treatment challenges in rare haematological diseases can provide a novel view of the complex network between the Complement System and other pathways. The second session focuses on difficult-to-treat rare diseases: a Plenary Lecture provides unmet needs in Mixed Connective Tissue Disease and introduces treatment novelties in IgG4-related disease, Systemic Sclerosis, and tricky diagnostic and therapeutical challenges in immunodeficiencies and inborn errors of immunity. To introduce the third session, the program offers a Plenary Lecture on Osteoimmunology and Complement System providing an innovative view on interdisciplinary research in immunology. Subsequent talks address advancements in therapy for renal involvement in immune-mediated diseases: lupus nephritis, C3 glomerulopathy, mixed cryoglobulinemic vasculitis, and eosinophilic diseases. The last session focuses on Patient Advocacy to share opportunities and needs in rare diseases.

During the second day of the Congress, focused sessions provide emerging evidence on *evolution in therapy* in challenging renal diseases and in Hereditary and Acquired Angioedema. The first session addresses specific topics on kidney transplant, atypical hemolytic uremic syndrome, the link between dialysis and Complement System and emerging therapeutic role of novel dialyzer membranes. The session dedicated to Angioedema retraces, in all its talks, the common thread of targeted and innovative therapeutical strategies under investigations and in special populations.

Razionale

“Complement(R)arity” nella sua seconda edizione si propone di offrire un aggiornamento sull’evoluzione delle terapie nelle malattie rare immuno-mediate con coinvolgimento renale e sistemico, in cui il Complemento rappresenta un *driver* chiave di malattia e progressione.

L’apertura dei lavori prevede una Lettura Plenaria che offre una panoramica sulla potenziale applicazione della medicina di precisione nelle malattie rare. La prima sessione è dedicata alle nuove evidenze sul ruolo del Complemento nei meccanismi di immunosenescenza e di fibrosi renale nonché nella retinopatia dei pazienti con malattia renale. Le sfide emergenti nel trattamento delle malattie ematologiche rare offrono una prospettiva innovativa sulle interazioni tra Complemento e altri *pathways*. La seconda sessione del Congresso è focalizzata sulle malattie rare *difficult-to-treat*: la Lettura Plenaria fa un focus sugli *unmet needs* nella *Mixed Connective Tissue Disease* e introduce le più recenti evidenze cliniche e terapeutiche nella malattia da IgG4, nella Sclerosi Sistemica e nelle immunodeficienze primitive, aprendo una riflessione anche sugli *inborn errors of immunity*. La Lettura Plenaria su Osteoimmunologia e Complemento avvia la terza sessione del Congresso e introduce una visione innovativa sulla ricerca interdisciplinare e terapeutica nelle malattie immuno-mediate con coinvolgimento renale: nefrite lupica, glomerulopatia da C3, crioglobulinemica mista e sindromi eosinofile. L’ultima sessione della giornata è dedicata all’*Advocacy* dei Pazienti, con l’obiettivo di condividere opportunità e bisogni in ambito di malattie orfane e rare.

La seconda giornata del Congresso prevede sessioni tematiche focalizzate sull’evoluzione delle terapie nelle malattie renali complesse e nell’Angioedema Ereditario e Acquisito. La prima sessione affronta tematiche specifiche relative a trapianto renale, sindrome uremico-emolitica atipica, link tra dialisi e Complemento e la intrigante visione delle nuove membrane dialitiche come strategia terapeutica. La sessione dedicata all’Angioedema ripercorre, attraverso tutte le relazioni, il filo conduttore delle strategie terapeutiche mirate e innovative attualmente oggetto di studio e di applicazione in popolazione speciali.

PROGRAMMA

February 6, 2026

(Aula Anfiteatro Giubileo 2000, Policlinico Tor Vergata)

09:30 Registration

10:00 Authorities

10:30 Introduction (Mitterhofer AP, Triggianese P)

10:45 Introduction to Plenary Lecture (Nucci C)

Plenary Lecture Towards the application of precision medicine in rare diseases (Novelli G)

I Session - Evolution in therapy: discovering novel square faces

Chairs: Della Morte D, Onetti Muda A, Rogliani P, Venditti A.

11:15 Immunosenescence: the multifaceted role of Complement System (Triggianese P)

11:30 Local Complement Activation and kidney fibrosis: the voice of Nephrologist (Mitterhofer AP)

11:45 Local Complement Activation and kidney fibrosis: the voice of Pathologist (TBD)

12:00 Targeting Complement System in rare haematological diseases: what's new? (Buccisano F)

12:15 Retinal microvascular network and Complement System in kidney diseases (Martucci A)

12:30 Discussion (Dimko M, Perrone M)

12:45 Light Lunch

13:30 Introduction to Plenary Lecture (Triggianese P)

Plenary Lecture Unmet needs in Mixed Connective Tissue Disease (Olesinska M)

II Session - Evolution in therapy: unravelling novelties in difficult-to-treat rare diseases

Chairs: Bellando Randone S, Bergamini A, Ramirez GA, Voso MT

14:00 Novel therapies in IgG4-related disease (Della Torre E)

14:15 Systemic Sclerosis and Amyloidosis: when rare becomes ultra-rare (Perricone C)

14:30 Tricky treatment targets in primary immunodeficiencies: CKD and GLILD in CVID (Milito C)

14:45 Treating autoimmune diseases in patients with inborn errors of immunity (Simonini G)

15:00 Discussion (Attardi E, Olivieri G)

15:15 Coffee Break

15:30 Introduction to Plenary Lecture (Mitterhofer AP)

Plenary Lecture Osteoimmunology and Complement System (Mazzaferro S)

III Session. Evolution in therapy: advancements in therapy for renal autoimmune diseases

Chairs: Brussino L, de Paulis A, Del Principe MI, Grandaliano G

16:00 Therapeutic Targets in Lupus Nephritis: the idea of bridge therapies (D'Urso G)

16:15 Therapies in C3 glomerulopathy (Giliberti M)

16:30 Mixed Cryoglobulinemic Vasculitis: renal involvement and treatment challenges (Visentini M)

16:45 Novel therapies in eosinophilic diseases (Caruso C)

17:00 Discussion (Rossi FW, Tinti F)

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17:15 Patient Advocacy: embracing opportunities in rare diseases

Chairs: Cascetti MC and Mantovano P (AAEE), Carletti P (ANED), Costanzi R (AS.RE.NI), Ferron M (HAEi), Loche L (FORUM).

18:30 Closing Remarks (Mitterhofer AP, Triggianese P)

February 7, 2026 (Hotel NH Collection Giustiniano)

9:00 Registration

9:15 Introduction (Mitterhofer AP, Triggianese P)

I Session: Focus on kidney ("SIN Reni" Session)

Chairs: Biancone L, Castellano G, Morosetti M, Zaza G

9:30 New perspective in kidney transplant: imfilidase (Angelico R)

9:45 Targeting Complement System in kidney Transplant (Comai G)

10:00 aHUS or HUS? (Ardissino G)

10:15 Revising the link between dialysis and Complement System (Pesce F)

10:30 Novel dialyzer membranes as an Evolution in Therapy (Grandaliano G)

10:45 Discussion (Ceravolo MJ, Condò S, Zavatto A)

11:00 Coffee break

II Session: Focus on Hereditary and Acquired Angioedema ("ITACA" session)

Chairs: Arcoleo F, Cancian M, Vultaggio A, Zanichelli A

11:30 Advancement in HAE treatments: the new and the next (Accardo PA)

11:45 Focus on children and women (Cedola F)

12:00 Treatment challenges in elderly (Perego F)

12:15 Co-occurrence of rarity: the genetic side of ultra-rare disorders (Marchionni E)

12:30 Novel perspectives in Acquired Angioedema (Guarino MD)

12:45 Discussion (Nicola S, Petraroli A, Senter R)

13:00 Light Lunch

14.00 Young Session: Raising Stars in Rare Diseases

Coordinator: Menè P

Abstract Committee: Lai S, Milito C, Noce A

14:10 Therapeutic insights in rare renal diseases (TBD)

14:20 Therapeutic insights in rare autoimmune diseases (TBD)

14:30 Advancing the care of rare disease Patients (TBD)

14:45 Discussion (Lai S, Milito C, Noce A)

15:00 Awards (Mitterhofer AP, Triggianese P)

15:15 Closing Remarks and CME