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
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COMITATO SCIENTIFICO:
Francesca Cedola, Stefano Condò, Mira Dimko, S. Manca di Villahermosa
SEGRETERIA ABSTRACT:
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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**

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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 fibrosis as well as in damage related to hypertension and retinal microvascular changes. 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, Neuromyelitis Optica Spectrum Disorder, 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, ANCA-vasculitis, 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 transplants, atypical hemolytic uremic syndrome, C3 glomerulopathy, 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.

The event concludes with the presentation, in the "Young" session, of selected abstracts: the "ComplementRarity" Award is then assigned to the best contribution in the field of complement-mediated rare diseases.

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 meccanisimi di immunosenescenza e di fibrosi sia d'organo (renale) che sistemica nonché nel danno vascolare correlato all'ipertensione arteriosa e alla retinopatia. 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, nella Neuromielite Ottica e nelle immunodeficienze primitive, aprendo una riflessione molto attuale 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, vasculiti ANCA-associate, crioglobulinemia mista e sindromi eosinofiliche. 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, glomerulopatia da C3, 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.

L'evento si conclude con la presentazione, nella sessione "Young", di contributi selezionati tra lavori originali sottomessi al comitato scientifico: viene quindi assegnato il Premio "ComplementRarity" per il miglior contributo in ambito malattie rare complemento-mediate.

PROGRAMMA

February 6, 2026
(Aula Anfiteatro Giubileo 2000, Policlinico Tor Vergata)

10:00 Welcome coffee and Registration
10:15 Introduction and Authorities

10:30 **Plenary Lecture**
Introduction to Plenary Lecture (Nucci C)
Towards the application of precision medicine in rare diseases (Novelli G)

I Session - Evolution in therapy: discovering novel square faces – part I
Chairs: Della Morte Canosci D, Patella V, Venditti A.

11:00 Immunosenescence: the multifaceted role of Complement System (Triggianese P)
11:15 Hypertension and complement activation (Perrone M)
11:30 Targeting Complement System in rare anemia: what's new? (Buccisano F)

11:45 Discussion (Mitterhofer AP, Ranghino A)

II Session - Evolution in therapy: discovering novel square faces – part II
Chairs: Mancino R, Mitterhofer AP, Rogliani P

12:00 AKI and renal fibrosis: Complement Activation (Castellano G)
12:15 Scleroderma and Complement System (Ruscitti P)
12:30 Retinal microvascular network and Complement System in kidney diseases (Martucci A)

12:45 Discussion (Dimko M, Triggianese P)

13:00 Light Lunch

13:45 **Plenary Lecture**
Introduction to Plenary Lecture (Triggiani M)
Unmet needs in Mixed Connective Tissue Disease (Olesinska M)

III Session - Evolution in therapy: unravelling novelties in difficult-to-treat rare diseases
Chairs: Bellando Randone S, Bergamini A, Ramirez GA, Voso MT

14:15 Novel therapies in IgG4-related disease (Della Torre E)
14:15 Systemic Sclerosis and Amyloidosis: when rare becomes ultra-rare (Perricone C)
14:30 NMO: more than meet the CNS in diagnosis and therapeutic chances (Landi D)
14:45 Tricky treatment targets in primary immunodeficiencies: CKD and GLILD in CVID (Milito C)
15:00 Treating autoimmune diseases in patients with inborn errors of immunity (Simonini G)

15:15 Discussion (Attardi E, Olivieri G)

15:30 **Plenary Lecture**
Introduction to Plenary Lecture (Mitterhofer AP)
Osteoimmunology and Complement System (Mazzaferro S)

15:50 Coffee break

IV Session. Evolution in therapy: advancements in therapy for renal autoimmune diseases
Chairs: Brussino L, de Paulis A, Del Principe MI, Grandaliano G

16:00 Evidence from novel therapies and the idea of "bridge" in Lupus Nephritis (D'Urso G)
16:15 Targeting Complement in ANCA-vasculitis (Pesce F)
16:30 Novel therapies in eosinophilic diseases (Caruso C)
16:45 Mixed Cryoglobulinemic Vasculitis: renal involvement and treatment challenges (Visentini M)

17:00 Discussion (Rossi FW, Tinti F)

17:15 Closing Remarks (Mitterhofer AP, Triggianese P)

FUORI ACCREDITAMENTO ECM

17:30 Patient Advocacy: embracing opportunities in rare diseases
Introduction Speech: Ferri S.
Chairs: Cascetti MC and Mantovano P (AAEE), Carletti P (ANED), Costanzi R (AS.RE.NI), Ferron M (HAEi), Loche L (FORUM).

February 7, 2026
(Hotel NH Collection Giustiniano)

9:00 Registration
9:10 Introduction (Mitterhofer AP, Triggianese P)

I Session: Focus on kidney ("SIN Reni" Session)
Chairs: Castellano G, Morosetti M, Zaza G

9:15 Therapies in C3 glomerulopathy (Giliberti M)
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 Dialysis as a model of Complement Activation (Grandaliano G)
10:30 Novel dialyzer membranes as an Evolution in Therapy (Mitterhofer AP)

Discussion Panel (Baccaro, 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 Novel perspectives in Acquired Angioedema (Guarino MD)
12.30 The genetic side of ultra-rarity: the tricky HAEs (Marchionni E)
12:45 Complement in Lab: bedside to bench (Valentini A)

Discussion Panel (Margaglione M, Nicola S, Petraroli A, Senter R)

13.15 Light Lunch

14.00 Young Session: Rising Stars in Rare Diseases
Coordinator: Menè P
Abstract Commitee: 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 "ComplementRarity Award" and closing remarks (Mitterhofer AP, Triggianese P)