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L-R Anastasia
Ioannou,
Executive
Director and
Kathryn Greiner
AO, Chair



LUMINESCE ALLIANCE: EMBEDDING PRECISION MEDICINE INNOVATION FOR CHILDREN'S HEALTH.

Since the NSW government funded an initial proof of concept for the Centre for Paediatric Precision Medicine in 2019, the Luminesce Alliance research powerhouse has established five Enabling Platforms to accelerate the translation of precision medicine research into the healthcare system.

Luminesce Alliance is a not-for-profit joint venture between the Sydney Children's Hospitals Network, the Children's Medical Research Institute, the Children's Cancer Institute, the University of Sydney, and the University of New South Wales Sydney.

Established with the support of the NSW Government to coordinate and integrate paediatric research in NSW, nationally and internationally, the alliance enhances capacity and integrates cutting-edge technologies into personalised clinical care, focussing on early diagnosis and treatment for children, limiting long-

term effects and reducing the burden on the healthcare system.

With the generous additional support of \$20 million from the NSW government in 2023, Luminesce Alliance established five Enabling Platforms:

- **Functional Genomics:** identifying and understanding disease-causing genes and new treatments; impact;
- **Precision Therapy:** delivering new drugs and novel medical technologies that will support early-phase clinical trials;
- **Data:** translating rich and complex data into new treatments, new prevention strategies and clinical
- **Psychosocial:** developing world-leading best practices for psychological, emotional, social, and educational support of patients and their caregivers;
- **Health Systems Implementation and Economic Research:** translating research discoveries into new models of care.

The Enabling Platforms accelerate the collaboration of leading researchers, practitioners, and children and families together to enable us to see new discoveries in practice sooner.

For more information:

www.luminesce.org.au

info@luminesce.org.au