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आचार्य रणदीप गुलेरिया, पद्मश्री
निदेशक

Prof. Randeep Guleria, Padma Shri
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DIRECTOR

**Citation for Nomination of Dr. Sheffali Gulati for the
Sun Pharma Science Foundation Research Awards**

Dr. Sheffali Gulati joined AIIMS as an UG (1988), was part of the team which started the first DM Pediatric Neurology Program in South-Asia (2004), heading it since 2008. She envisioned, conceptualized and is faculty in-charge of Centre of Excellence and Advanced Research for Childhood Neurodevelopmental Disorders: providing performing high end diagnostic/therapeutic research, developing a National registry, National Child Neurology Helpline (24X7; toll free)/Tele- Consultation Services.

She has over 358 research publications (NEJM, JAMA pediatrics), Citations: 4570; h-Index 33; i10-index 119; > 450 abstracts. She has been elected as Fellow of Royal College of Paediatrics and Child Health, UK, Fellow, National Academy of Medical Sciences, Fellow Indian Academy of Pediatrics, Fellow, International Medical Science Academy, Global Senior Leader for International Society for Autism Research.

She has many Research Projects (NIH, Autism speaks, MRC, UK, DBT, ICMR, DST, UNICEF, WHO, National trust, USAID, MOHFW; AIIMS-UCL) leading to innovations/advocacy.

Developed/Validated culture sensitive Screening /Diagnostic Instruments: Autism, ADHD, Epilepsy, Neuromotor impairment ("Rashtriya Bal Swasthya Karyakram" (MOHFW)/ autism certification/training of master trainers by MOSJE. (Mobile app Pedneuroaiims Diagnostics (google/ios); studied prevalence of Neurodevelopmental disorders

Drug refractory epilepsy: Novel dietary therapies: 13 studies including RCTs; Neuromodulation: rTMS; epilepsy surgery.

Autism: etiopathogenesis/biomarkers RCTs- Probiotics, GFCF diet, Music therapy; sleep disturbances, neurorehabilitation (virtual/augmented reality/ Artificial intelligence/Robotics/textile based/Alternative Augmentative Communication app, scalable mobile platform for screening, Communication-centered Parent-mediated treatment in South-Asia, iPSC, exosomes

Neuromuscular disorders: Skin biopsy to replace muscle biopsy, RCTs: DMD-Ataluren, exon skipping; SMA-Gene therapy: Cerebral palsy: Constraint induced movement therapy along with Virtual reality assist/rTMS.

She has developed Pediatric Neurology as a specialty in India and has been instrumental in transforming care of children with neurodevelopmental disorders pan-India by going e way. Her contributions in the field of epilepsy, autism, and other neurodevelopmental disorders are unmatched.

I strongly recommend Dr. Sheffali Gulati's name for the sun Pharma Science Foundation Research Award for her extensive, pioneering original research work.

Prof. Randeep Guleria