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| CV specialising in PGT, prenatal, carrier screening and diagnostic genetic testing Skills A wide practical skill base in molecular methodologies and their applications as well as practical embryo biopsy | |  | | --- | | Don LeighMolecular Genetics | don.leigh09@gmail.com |  ExperienceSenior hospital scientist • Prince of Wales hospital • jan ’90-aug 98 As senior scientist in the Molecular Genetics Unit helped establish new diagnostic approaches for carrier and hereditary gene testing in key diseases principal Research scientist • sydney IVF/genea • aug ‘98- june 2016 Established the PGD services for inhouse embryo testing. Introduced new approaches for PGT-A and PGT-M 1000 Scholar • Calmette Hospital, yunnan, china • oct ‘18- presentTasked with establishing a centre for Precision Medicine to supply services for the hospital and surrounding areasEducationBsc (hons)• 1979 • University of NSW Undergraduate majors in Biochemistry, Microbiology, Biotechnology, minor in Chemistry phd • 1986 • university of NSW School of Biotechnology: improved processes for ethanol fuel production by bacterial fermentation processes workshops Been part of the PGDIS program for teaching biopsy principles since 2008. During this time over 200 participants from 32 different countries have learned the practice of biopsy and applications in PGT  Led workshops on PGT and biopsy in Ador (India) , Singapore and Guilin (China) PGDIS Member since 2001  Board 2013-2014  Secretary 2015-2016  Treasurer 2017- 2018  President elect 2019 |

### Key publications

KA de Boer, JW Catt, RPS Jansen, D Leigh S McArthur (2004)

Moving to Blastocyst biopsy for preimplantation genetic diagnosis and single embryo transfer at Sydney IVF

Fertil Steril 2004 Aug;82(2):295-8

Traversa MV, Carey L, Leigh D (2010) A molecular strategy for routine preimplantation genetic diagnosis in both reciprocal and Robertsonian translocation carriers Mol Hum Reprod May 16(5) 329-37

Cram DS, Leigh D Handyside A, Rechitsky L Xu K et al (2019)

PGDIS Position Statement on the Transfer of Mosaic Embryos

Reproductive Biomedicine online 39 Suppl 1e1-e4

Rechitsky S, Kuliev A, Leigh D et al, Single molecule sequencing: a new approach for preimplantation testing and noninvasive prenatal diagnosis confirmation of fetal genotype. The Journal of Molecular Diagnostics, 2020; 22:220-227

Rechitsky S, Kuliev A, Cram D, Single molecule sequencing: a new approach for preimplantation testing and noninvasive prenatal diagnosis confirmation of fetal genotype. The Journal of Molecular Diagnostics, 2020; 22:220-227

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