

## All Wales Psychiatric Genomics Service

The All Wales Psychiatric Genomics Service (AWPGS) is a tertiary service delivered in partnership by the All Wales Medical Genomics Service and the National Centre for Mental Health (NCMH) and the MRC Centre for Neuropsychiatric Genetics and Genomics. The service aims to provide comprehensive, multidisciplinary advice, genetic information and access to genetic testing for individuals in whom there may be concerns about a genetic predisposition to mental health disorders.

### Basis for Referral

We provide input, support and advice for individuals, families and clinicians relating to:

- The possible genetic risks to them and their family if they have a family history of mental health disorders, including preconception and perinatal genetic risk advice.
- The risk of developing a mental health disorder associated with a known neuropsychiatric genetic risk variant(s) ascertained by NHS genetic testing or findings from specific NCMH research.

The referral criteria can be accessed on our website (details at the back of this leaflet)

## The Service

The AWPGS is delivered in partnership between genetics and mental health professionals. The leads for the service are based in Cardiff and currently deliver the Psychiatric Genetics clinic from the Hadyn Ellis Building, Cathays. The clinic is staffed by Consultants in Clinical Genetics and General Adult Psychiatry. The service and clinic are both supported by the Neuropsychiatric Genetics Multidisciplinary Team which meets monthly to discuss cases, and to support clinical decision making and training across Wales

### The Clinical Team

#### Dr Rachel Irving

Dr Rachel Irving is a Consultant Clinical Geneticist in the All Wales Medical Genomics Service. Rachel has an interest in medical ethics, neurodegenerative disorders and mental health disorders.

#### Professor James Walters

Professor James Walters is a Consultant in General Adult Psychiatry and professor of psychiatric genetics. James has extensive experience working with individuals with psychotic disorders, is Director of the MRC Centre and co-leads the Schizophrenia

Working Group of the Psychiatric Genomics Consortium.

#### Donna Duffin

Donna Duffin is a Principal Genetic Counsellor. Donna has specialised in neurogenetic conditions and has an interest in mental health disorders.

#### Dr Kimberley Kendall

Dr Kimberley Kendall is a ST5 General Adult Psychiatrist and WCAT Clinical Research Fellow. Kimberley's clinical interest is in psychosis and her research is on the role of rare genetic variants in psychiatric disorders.

#### Dr Jo Doherty

Dr Jo Doherty is a Consultant Child and Adolescent Psychiatrist with a clinical interest in learning disability psychiatry. Her research is focussed on copy number variants associated with increased risk of psychiatric and neurodevelopmental conditions.

### Multidisciplinary Team

In order to assist with the mental health information we provide, we are able to access advice from psychiatrists with special interests in a range of mental health specialties such as bipolar affective disorder,

perinatal psychiatry, treatment resistant depression/ECT and autism spectrum disorder. We also have access to experts in the All Wales Medical Genomics Service to assist us with the clinical and laboratory interpretation of genetic test results and information.

### **What to Expect**

The aim of the service is to provide people with genetic and mental health information targeted to their particular needs and questions in a single appointment. Where appropriate, we will provide advice to those attending the clinic with regards to further assessment by other mental health or clinical genetic professionals and services. Our clinic appointments take approximately 30-60 minutes.

### **How to Refer**

Referrals are accepted from Mental Health Professionals and Clinical Genetics. For Mental Health professionals please use the referral form on the All Wales Medical Genomics website. The referral criteria can also be found on our website.

### **Contact us on**

You can also contact us for any advice and queries on:

[Awmgps.PsychGenetics.Cav@wales.nhs.uk](mailto:Awmgps.PsychGenetics.Cav@wales.nhs.uk)

or alternatively you can contact Donna Duffin on 029 218 34000.

### **Further Information**

Further information on the clinic can be found on the All Wales Medical Genomics website:

<https://medicalgenomicswales.co.uk/index.php/en/health-professional-information/all-wales-psychiatric-genomics-service>

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## **INFORMATION LEAFLET**