

CIARA O DRISCOLL.

CAREER OBJECTIVE: “A highly qualified and committed researcher, who offers enormous potential to employers who demand the ability to remain focuses and results-driven in the most challenging of environments”

RESEARCH EXPERIENCE: **2006-2009**

INSTITUTE OF OPHTHALMOLOGY, UCL, LONDON:

A Marie-Curie funded fellowship, my PhD project was to identify a gene for Retinitis Pigmentosa.

Techniques acquired:

- PCR screening and sequencing.
- Cloning.
- Northern Blotting.
- RT-PCR.
- Bioinformatics analysis.
- Western blotting.
- Immunohistochemistry.
- Immunocytochemistry.

2005-2006

UNIVERSITY COLLEGE CORK (UCC):

Final year project entitled “Assessment of the cellular effects of COX-2 inhibitors on oesophageal, renal and colorectal tumour cell.” A 1st class honours grade achieved.

Techniques used:

- RNA extraction.
- PCR analysis.
- Adhesion assays.
- Proliferation assays.
- Cytospin analysis.

SUMMER 2005

TRINITY COLLEGE DUBLIN:

An SFI (Science Foundation Ireland) funded 10 week scholarship in the Ocular Genetics Unit.

Laboratory techniques acquired:

- RT-PCR.
- Immunocytochemistry.
- shRNA cloning.
- Microscopic analysis.

PUBLICATIONS:

EYS, encoding an ortholog of *Drosophila* spacemaker, is mutated in autosomal recessive retinitis pigmentosa.

Nat Genet. 2008 Oct 5.

Abd El-Aziz MM*, Barragan I*, **O'Driscoll CA***, Goodstadt L, Prigmore E, Borrego S, Mena M, Pieras JI, El-Ashry MF, Safieh LA, Shah A, Cheetham ME, Carter NP, Chakarova C, Ponting CP, Bhattacharya SS, Antinolo G.

Linkage validation of RP25 Using the 10K genechip array and further refinement of the locus by new linked families.

Ann Hum Genet. 2008 Jul;72(Pt 4):454-62. Epub 2007 May 29.

Barragán I, Abd El-Aziz MM, Borrego S, El-Ashry MF, **O'Driscoll C**, Bhattacharya SS, Antinolo G.

Large-scale molecular analysis of a 34 Mb interval on chromosome 6q: major refinement of the RP25 interval.

Ann Hum Genet. 2008 Jul;72(Pt 4):463-77. Epub 2007 May 29.

Abd El-Aziz MM, Barragan I, **O'Driscoll C**, Borrego S, Abu-Safieh L, Pieras JI, El-Ashry MF, Prigmore E, Carter N, Antinolo G, Bhattacharya SS.

PRESENTATIONS:

NEUROTRAIN

2008.

Annual presentations at the European Young researchers group, Neurotrain 2006-

ARVO

(Association for research in vision)

Poster presentation at annual conference, Florida, USA, 2008.

PRORETINA

Oral presentation at European conference, Postdam, Germany, 2007.

UCC

honour received.

A poster presentation entitled "Genetics of Neurodegenerative Diseases." A 1st class

EDUCATION:

2006-2009

UNIVERSITY COLLEGE LONDON.

PhD in Molecular genetics in the Institute of Ophthalmology.

2002-2006

UNIVERSITY COLLEGE CORK, IRELAND.

Bsc in Genetics . 2:1 grade received.

1996-2002

COLAISTE NA TOIRBHITE, BANDON, CO.CORK, IRELAND.

Received 480 points in the leaving cert.

OTHER WORK AND EXPERIENCE:

SURE SCHEME, TRINITY COLLEGE- Undergraduate scheme for career development in science.

GENETICS SOCIETY, UCC- In my third year of study I was appointed Events Officer on the Genetics Society in which I developed good communication skills and team work abilities.

FLOR GRIFFIN ELECTRICAL- I worked a part time job for 7 years, as a sales assistant.

INTERESTS:

Sport , Travel , Charity.

