

Providing functional annotation to human genes and gene products

PARKINSON'S^{UK}
CHANGE ATTITUDES.
FIND A CURE.
JOIN US.

Co-grant holders

John Hardy (Institute of Neurology)

Maria Martin (EBI)

Biocurators

Paul Denny

Rebecca Foulger

Software engineer

Tony Sawford

Ruth Lovering

Co-grant holders

Philippa Talmud

Steve Humphries

Manuel Mayr (King's College London)

Maria Martin (EBI)

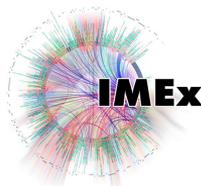
Biocurators

Nancy Campbell

Rachael Huntley

Software engineer

Tony Sawford



- 2006 & 2007 Wellcome Trust – Immune system
- ✓ 2007 – BHF Cardiovascular
- 2008 - SPAR - Asthma
- 2009 - ERASysBio - autoimmune
- 2009 - Fight For Sight
- 2010 - Wellcome Trust - Crohn's
- 2010 - MRC - autoimmune
- 2012 - Wellcome Trust - Arthritis
- 2012 - BBSRC - IntAct
- 2012 - BHF - Cardiovascular
- ✓ 2012 - BHF - Cardiovascular – revised version (July 18)
- ✓ 2013 - Parkinson's UK (Dec 16)
- 2013 - Wellcome Trust – eye - UCL blocked

2006 & 2007 Wellcome Trust – Immune system

✓ 2007 – BHF Cardiovascular

Collaborations:

Finding group leaders willing to collaborate on application

Selling GO

Enthusiasm

2010 - Wellcome Trust - Crohns

2010 - MRC - autoimmune

Key problems:

Why manual curation is needed, rather than text mining?

Wasn't this already done?

2012 - BHF - Cardiovascular

✓ 2012 - BHF - Cardiovascular – revised version (July 18)

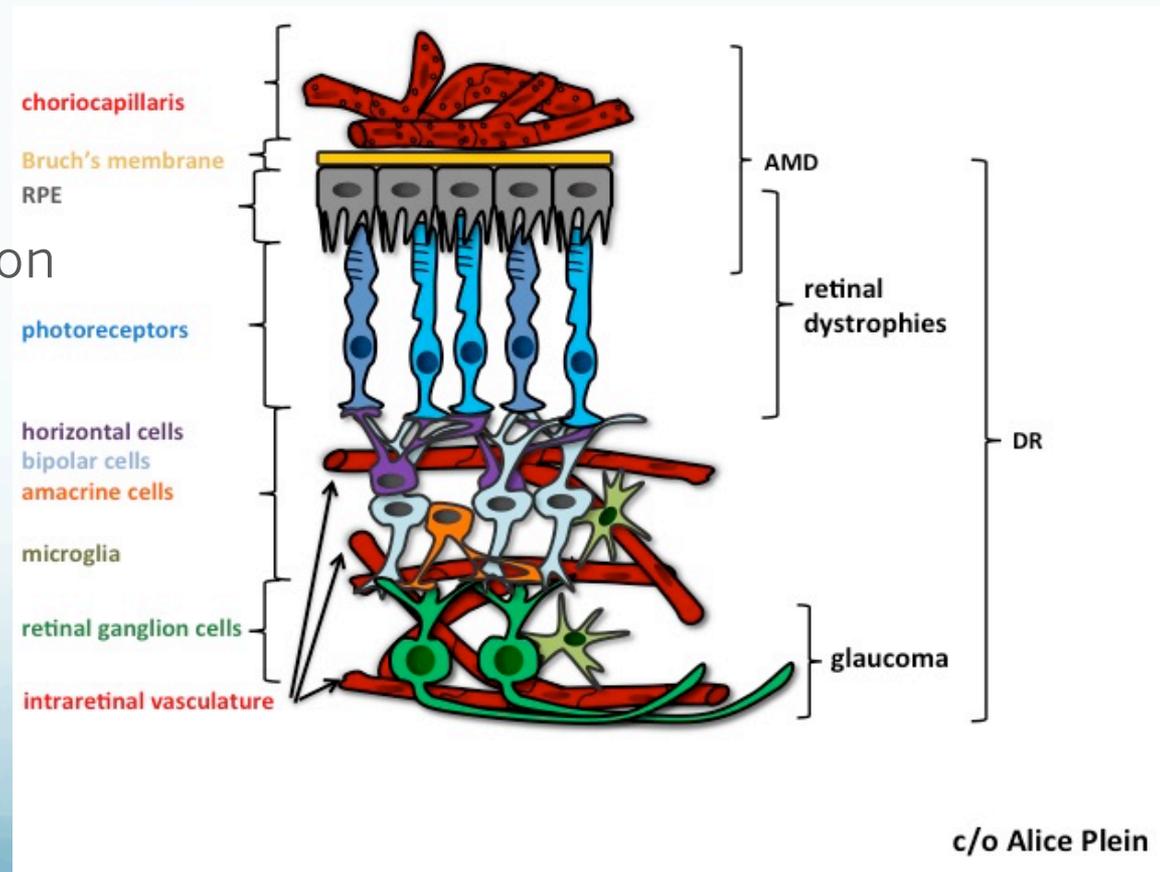
✓ 2013 - Parkinson's UK (Dec 16)

2013 - Wellcome Trust – eye - UCL blocked

2015 - Wellcome Trust – eye

Jane Sowden, Christiana Ruhrberg, Stephen Wilson,
Christine Holt, Sandra Orchard

- 1200 genes based on mouse phenotype data
- GO
- IntAct
- Phenotype?
 - Peter Robinson
 - Chris



2015 - Wellcome Trust – eye

Jane Sowden, Christiana Ruhrberg, Stephen Wilson,
Christine Holt, Sandra Orchard

First Hurdle UCL – only 2 applications

2016 - Neurological (Parkinson's or Alzheimer's)

John Hardy

2016 – Arthritis

Michael Ehrenstein and MRC/ABPI consortium

2017 - BHF – Cardiovascular