Rory Johnson

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- **Birth:** 9/2/79
- **Nationality:** Irish & British
- **Status:** Male, single

Employment

2007 - present **Research Associate in Stem Cell Genomics**
Genome Institute of Singapore, Stem Cell Laboratory.

Within the Stem Cell Laboratory, I manage a small team (~4) of technicians, PhD / MSc students, bioinformaticians. I'm responsible for executing projects, collaborating with other research teams, defining future goals, writing research papers, presenting research internally (including to our Scientific Advisory Board) and externally (at international conferences).

Concurrently, I pursue my own research projects: I seek to combine computational **(Perl, UNIX, R)**, genomic **(microarray, bioinformatics, high-throughput sequencing),** molecular **(cloning, chromatin immunoprecipitation, mRNA/protein quantitation)** and biological **(ES/NS cell culture and differentiation, siRNA)** skills to address fundamental questions of genomics: regulation of cellular identity, noncoding RNA function, regulatory evolution, and applications of genomics to human variation and disease.

As an active member of our Institute, I have recently **founded and led a committee** to organise a scientific conference for our Postdocs.

2008 – present **Lecturer:** I teach on the PSB / UWA Molecular Biology BSc programme, where I give courses on various topics in Gene Regulation and Bioinformatics.

2002	**Research Assistant** with Professor Kingston Mills (Immunology, Trinity College, Ireland). Molecular cloning of *Bordatella pertussis* infection genes.
2001	**English Teacher (Mexico)** – Self-employed, I taught classes of various sizes, including at a secretarial academy and private tuition.
1999	**Intern at Citibank (London).** Developed intranet site for credit clearance team.
1997	**Intern at Intel European HQ (UK).** Preparation and presentation of Intel products for various public relations events.

Education

2002 - 2006
University of Leeds, UK

PhD in Neuronal Gene Regulation and Genomics

- Supervisor: Professor Noel J. Buckley
- Prestigious Wellcome Trust 4-Year PhD Programme.
- **Project Title:** "*Mechanisms of REST-mediated repression in neural cells*".

1996 - 2000
Imperial College London

MSci Physics (1st Class)

- **Project Title:** "*Protein engineering for structural analysis*".
- **Selected courses:** Molecular Biophysics (73%), Biophysics of Nerve Cells and Networks (76%).

1991-1996
St. Columba's College, Ireland

- Academic Scholar
- Awarded Todd Scholarship for best results in graduating class.

Conferences and Courses

- **Invited Oral Presentation:** Abcam Regulatory Networks in Stem Cells (Singapore, 2009); Genome Informatics (Cambridge, 2008); Molecular Basis of Neurodegenerative Disease (Cork, 2006); various internal seminars.
- **Poster Presentation:** RECOMB (Singapore, 2008); International Society for Stem Cell Research (Cairns, 2007); Global Regulation of Gene Expression (CSHL, 2006); Abcam UK Chromatin and Epigenetics (UK 2004, 2005).
- **Courses:** Animal Handling (Singapore 2008); Scientific Presentation (Singapore 2007); Statistics Masterclass (Singapore, 2007); Scientific Writing (Leeds, 2006); Bioinformatics and Genomics (Cambridge, 2005); Genome Access Course (Cambridge, 2004).

Languages

Conversational **French and Spanish**. Basic **Mandarin**.

Hobbies

- **Diving Instructor:** Expedition leader and qualified instructor with Leeds University Sub Aqua Club.
- **Tae Kwon Do:** UK student sparring champion (Lightweight) with Leeds University TKD Team.
- I study **Mandarin**