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Curriculum vitae updated August 2012

Date of Birth: 14th March 1959 Place of Birth: Belfast, UK Nationality: British

UK Passport: John Seymour Heslop HARRISON, 452865552, issued UKPA 19 Dec 2002 valid to 19 Dec 2012.

Major Fields of Interest: Plant cell and molecular biology; Crop plant evolution; Plant breeding; Genetic DNA Markers; Chromosomes; Cell nucleus; Genome evolution and diversity; Hyperspectral imaging; Fluorescence imaging; Molecular biology and molecular cytogenetics; Genomics and functional genomics; Retrotransposons and transposons; Repetitive DNA structure and function; Species include wheat, cereals, gymnosperms, banana, Brassicas, Bovine, Cattle, bivalves, Drosophila; Reproduction, relationships and evolution; Systems biology and interactions between genes. Pedagogy, teaching, networks and assessment. Techniques include *in situ* and Southern hybridization, cell biology, genetics and marker technology, molecular biology and sequence analysis, fluorescence and electron microscopy.

University

1983 PhD Spatial Distribution of Chromosomes in Wheat Species (Cambridge, UK)

1980-1983 University of Cambridge. ARC Research Studentship at Plant Breeding Institute and Peterhouse

1977-1980 BSc University College of Wales, Aberystwyth UK

1976-1977 University of Massachusetts, USA

Employment

2000-Present Professor of Plant Cell Biology and Molecular Cytogenetics, Department of Biology, Faculty of Medicine and Biological Sciences, University of Leicester, UK.

1990-2000 Group Leader, Karyobiology Group, John Innes Centre, Norwich; 1991 Principal Research Scientist / Unified Grade 7 1996 Individual Merit, Senior Principal (UG6/Band 3)

1987-1990 Staff Member and Senior Scientific Officer, Institute of Plant Science Research, Cambridge

1986-1987 BP Venture Research Fellow, Plant Breeding Institute; Co-project leader: Nuclear Architecture

1983-1986 Research Fellow, Peterhouse, University of Cambridge and Plant Breeding Institute

Number of Research Publications: c. 300, Author of one book, Editor of 2 books (full list and abstracts available from www.pubs.molcyt.com), in collaboration with active scientists from around the world in a productive research laboratory. Two patents.

Research collaborations with many laboratories in Europe, Asia, Africa and North and South America are reflected in the publication list.

Other positions

2011-2014 Sub-panel member, [Research Excellence Framework REF](#), HEFCE

2011-present External Examiner, University of Nottingham, UK

2009-2011 President, [Society for Experimental Biology](#), SEB (VP 2007-9)

2000-present Regular consultant/expert for IAEA/FAO genetics and plant breeding section

2004-2008 External examiner, [MSc in Plant Conservation \(Seed Banking\)](#), University of Sussex

2004- present Council Member, [European Cytogenetics Association](#)

2004- Founder and Director, BioAstral Limited (www.bioastral.com)
2004-2008 Director and Trustee, [Annals of Botany](#) Company (Registered Charity)
2004-2007 Director of Research Exploitation, School of Biological Sciences, University of Leicester
2005- [Global Musa Genomics Consortium](#), Member and Management Committee Member

Editorial Positions

2008-present Chief Editor, *Annals of Botany*
1988-2008 Accepting Editor for *Annals of Botany*
1991-present Accepting Editor for *Sexual Plant Reproduction*
2000-present Accepting Editor for *Theoretical and Applied Genetics*
1992-2012 Accepting Editor for *Chromosome Research*
1996-2004 Accepting Editor for *Protoplasma*

Reviewer for many national and international grant programmes, site visits and PhD exams.

PhD Students: 17 completed PhD; 4 current students in 2012.

Kesara Ananthawat-Jonsson; Nuno Neves; Alexandra Castilho; MingLi Wang (joint supervision), Raquel Chaves (joint); Marian Orgaard (joint); Sybille Kubis; Celia Hansen; Mohammad Azhar; Emmanuel Otwe; Jose Antonio Lima-Brito (joint); Carlos Ribiero Carvalho (joint); Saeidi Hojatollah (joint); Ulrike (Olli) Anhalt (joint); Saadiah Jamli; Celine Tomazewski (joint); Faisal Nouroz;

Current: Nauf Alsayaid; Worku Ngesh; Chetan Patokar, Farah Badakshi

Publications are at www.molcyt.com for full listing; pw/user both 'visitor' for download)