

J.S. (Pat) Heslop-Harrison
Department of Biology, University of Leicester, LE1 7RH UK
E-mail: PHH4(a)le.ac.uk Website: www.molcyt.com
Blog: www.AoBBlog.com Twitter: pathh1 YouTube: pathh1
Phone: +44/0 116 252 3381; mobile +44/0 777 976 1191
FAX: +44/0 116 252 3330

Curriculum vitae updated August 2013

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

UK Passport: John Seymour Heslop HARRISON, 514099215, issued IPS 31 Jan 2013 valid to 31 Jan 2023.

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 Cytogeneticists Association](#)

2004- Founder and Director (-2010), BioAstral Limited (www.bioastral.com)
2004-2008 Director and Trustee, [Annals of Botany](#) Company (Registered Charity)
2004-2007 Director of Research Strategy, 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
2012-present Emeritus Editor, Chromosome Research
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.
eg 2012: expert for Agropolis Fondation, France; peer reviewer for National Agency for the Evaluation of Universities and Research Institutes (ANVUR), Italian Evaluation of Research Quality exercise (VQR 2004-2010);

PhD Students (many jointly supervised): 17 completed PhD; 6 current students in 2013.

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); Saadia Jamli; Celine Tomazewski (joint); Faisal Nouroz;

Writing up: Nauf Alsayaid; Worku Ngesh; Farah Badakshi

Current: Chetan Patokar, Jotyar Muhammed, Rubar H Salih (all joint)

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