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Curriculum vitae updated June 2016

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

UK Passport: John Seymour Heslop HARRISON, 514099215, issued UKPA 31/1/13 valid to January 2023.

Major fields of research and policy interest: Cell and molecular biology; Genome evolution; Chromosome Biology; Biodiversity; Plant breeding; Food security; Biotic and abiotic stress; Genetic DNA Markers; Chromosomes; Epigenetics; Chromatin; Centromeres; Diversity; Imaging; Genomics and functional genomics; Retrotransposons and transposons; Repetitive DNA structure and function; Systems biology. Species include wheat, cereals, gymnosperms, banana, Brassicas, oil palm, bovines, cattle, Drosophila; Reproduction, relationships and evolution. Pedagogy, teaching and networks; Exploitation and commercialization of research; Research and training for development; Research evaluation and assessment; Scientific advice in policy formulation; Public understanding and use of academic research.

Employment

2000-Present Professor of Cell Biology and Molecular Cytogenetics, Department of Genetics, College of Medicine, Biological Sciences and Psychology, 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 - Senior Scientific Officer, Institute Plant Science Research, Cambridge
1986-1987 BP Venture Research Fellow, Plant Breeding Institute; PI: Nuclear Architecture
1983-1986 Research Fellow, Peterhouse, University of Cambridge and Plant Breeding Institute

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

Number of Publications: c. 300 <https://scholar.google.co.uk/citations?user=SAsXvrAAAAAJ>, (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 substantial positions

2016- Member of the Science and Technology Options Assessment (STOA) MEP-Scientist pairing scheme of the European Parliament
2014-2015 Member, Commission for Evaluation of Institutes of the Czech Academy of Sciences
2015- External Examiner, University of Aberystwyth
2013-2014 Academic Icon, University of Malaya, Malaysia
2011-2014 Sub-panel member, [Research Excellence Framework REF](#), HEFCE
2011-2015 External Examiner, University of Nottingham, UK

2009-2011 President, [Society for Experimental Biology](#), SEB (VP 2007-9; Council c. 1995-9)
2010- Reviewer, Grant Agency of Czech Republic GACR
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](#); ECA 2nd Vice-President 2015-
2004-2014 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
2005-2016 [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*
2000-present Accepting Editor for *Theoretical and Applied Genetics*
2012-present Emeritus Editor, *Chromosome Research*
1992-2012 Accepting Editor for *Chromosome Research*

Media:

National Public Radio, USA: Here and Now, interview Saffron and Iran, Jan 2016. 3million audience
Television: BBC1 The One Show 5/2011 repeated 2012 4.09 million audience
ITV: Food Unwrapped first broadcast 13 March 2015 Quality testing in Saffron spice samples with Kate Quilton 1.60 million audience
BBC: Kew with Kate Humble and Chef first broadcast 6 April 2015 Diversity and disease resistance in banana 1.19 million audience
Radio: Radio 4 The Food Programme 8/2013
Radio Leicester 2014 “Testing for horsemeat in food” 1/2013
Radio Leicester “Life as Professor” 2/2013

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); US NSF National Science Foundation

PhD Students: 21 completed PhD from 14 countries; 5 current students in 2016.

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 Ribeiro Carvalho (joint); Saeidi Hojatollah (joint); Ulrike (Olli) Anhalt (joint); Saadiah Jamli; Celine Tomazewski (joint); Faisal Nouroz; Worku Ngesh Mhired; Farah Badakshi; Nouf Alsayied; Chetan Patokar

Current: Jotyar Muhammed (joint); Rubar H Salih; Sarbast Mustafa; Osamah Alisawi; Noorhariza (Iza) Zaki

Publications are at www.molcyt.com for full listing; pw/user both 'visitor' for download <http://orcid.org/0000-0002-3105-2167> or <https://scholar.google.co.uk/citations?user=SA5XvrAAAAAJ>

Entry for Who's Who (AC Black publishers, 2015 edition, updated below):

HESLOP-HARRISON, Prof. John Seymour, (Pat), PhD; Professor of Molecular Cytogenetics and Cell Biology, University of Leicester, since 2000; h Belfast, NI, 14 March 1959; S of Jack and Yolande Heslop-Harrison; m 1995, Trude Schwarzacher; two s. Ed. Univ. of Massachusetts; University Coll. of Wales, Aberystwyth (BSc 1980); Peterhouse, Cambridge (PhD 1983). Stone Res. Fellow, Peterhouse, Cambridge, 1982-85: Scientific officer: Plant Breeding Inst., Cambridge, 1985-1990; John Innes Centre, Norwich, 1990-2000. Associate Ed., *Chromosome Res* 1994, now Emeritus Ed., Chief Ed., *Annals of Botany*, 2008-. Member: Cttee, Global Musa Genomics Consortium, 2001-; Sub-panel, UK REF 2014. Vice-Pres., then Pres., Soc. For Exptl Biol., 2007-2011. Mem. Bd. then 2nd Vice-Pres. Eur. Cytogeneticists Assoc., 2004-. Reviewer and assessor (grants, res. Progs).
Publications: contribs to acad Jls. Recreations: enjoying the natural and built environment, walking, photography, technology, art. Address: Department of Genetics, University of Leicester, Leicester LE1 7RH UK. T: (0116) 292 6799. E: [phh4\(a\)le.ac.uk](mailto:phh4(a)le.ac.uk).