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PRESENT POSITION

Research Associate, HHMI. University of Utah, Salt Lake City
1999-present

EDUCATION AND EMPLOYMENT

Post-Doctoral Research Associate
University of Utah, Salt Lake City
1999-present

Post-Doctoral Researcher
Free University of Berlin, Germany
Institute for Genetics
1998-1999

Ph.D. Molecular and Developmental Biology
Free University of Berlin, Germany
Institute for Genetics
1993-1998

Diploma. Biology
Free University of Berlin, Germany
1989-1993

B.S. Biology
Free University of Berlin, Germany
1987-1989

PUBLICATIONS (PUBLISHED)

- King-Jones, K.** and Thummel, C.S. (2005). Less steroids make bigger flies. *Science* **310**, 626-627.
- King-Jones, K.**, Charles, J.-P., Lam, G. and Thummel, C.S. (2005). The ecdysone-induced DHR4 orphan nuclear receptor coordinates growth and maturation in *Drosophila*. *Cell* **121**, 773-784.
- King-Jones, K.** and C.S. Thummel (2005). Nuclear Receptors – A perspective from *Drosophila*. *Nature Rev Genetics* **4**, 311-323.
- King-Jones, K.**, and Thummel, C. S. (2003). *Drosophila* Nuclear Receptors. In „Handbook of Cell Signaling,” Vol. 3, (Bradshaw, R. and Dennis, E., eds.), Elsevier Academic Press, 69-73.
- Andriamanalijaona, R., Felisaz, N, Kim, S.J., **King-Jones K.**, Lehmann M., Pujol JP, and Boumediene K. (2003). Mediation of interleukin-1 β -induced transforming growth factor β 1 expression by activator protein 4 transcription factor in primary cultures of bovine articular chondrocytes: possible cooperation with activator protein 1. *Arthritis Rheum.* **48**, 1569-1581.
- Renault, N., **King-Jones, K.**, and Lehmann, M. (2001). Down-regulation of the tissue-specific transcription factor Fork head by Broad-Complex mediates a stage-specific hormone response. *Development* **128**, 3729-3737.
- King-Jones, K.**, Korge, G., and Lehmann, M. (1999). The helix-loop-helix proteins dAP-4 and Daughterless bind both in vitro and in vivo to SEBP3 sites required for transcriptional activation of the *Drosophila* gene *Sgs-4*. *J Mol Biol* **291**, 71-82.
- Lintermann, K.-G., Roth, G. E., **King-Jones, K.**, Korge, G., and Lehmann, M. (1998). Comparison of the GAGA factor genes of *Drosophila melanogaster* and *Drosophila virilis* reveals high conservation of GAGA factor structure beyond the BTB/POZ and DNA-binding domains. *Dev Genes Evol* **208**, 447-456.

PUBLICATIONS (IN PREPARATION)

- King-Jones, K.***, Horner, M.*, Lam, G. and Thummel, C.S. Nuclear Receptor DHR96 regulates key metabolic pathways and is required for resistance to xenobiotic stress in *Drosophila melanogaster*. In preparation for *Cell Metabolism*.

Pardee, K.* , Horner, M.* , **King-Jones, K.** Krause, H. and Thummel, C.S. The nuclear receptor DHR96 is a sterol sensor and required for cholesterol homeostasis in *Drosophila*. In preparation for *Science*.

*equal authorship

RECENT INVITED TALKS AT MEETINGS

Invited speaker at the 4th **Symposium on “Mechanisms of cell behavior”** , Tübingen, Germany, May 2005.

Short presentation at **Gordon conference “Hormone action in development and cancer”**, July 2005. I received a fellowship award for my presentation.

Short presentation at the **FASEB meeting “Nutrient control of gene expression”**, July 2005. I received a travel award for my presentation.

TEACHING

Teaching Assistant (Tutor). “Advanced Cellular and Molecular Biology”
Free University of Berlin, Germany
1991-1994

Training of undergraduate and graduate students.

1. graduate student April Yochum (reporter systems, Western + Northern blots)
2. undergraduate student Tina Dulani (basic molecular biology)
3. graduate student Max Ranall (genetic screens)

University of Utah, Salt Lake City
2000-2003

HONORS

- Graduate work funded by the Collaborative Research Centre “Regulatory structures of proteins and nucleic acids” through the German Research Foundation.
- Dissertation was honored with highest possible grade “summa cum laude”.
- Defense lecture received “summa cum laude”.

- Application selected for short presentation at Gordon conference “Hormone action in development and cancer”, July 2005 and funded with a fellowship award.
- Outstanding Abstract Award for Gordon conference “Hormone action in development and cancer”, July 2005.
- Application selected for short presentation at FASEB meeting “Nutrient control of gene expression”, July 2005, for which I received a travel award.

PATENTS

WO 2005/0698959. Compositions and methods for modulating DHR96 (2005).
King-Jones K., Horner, M.A., Lam, G. and Thummel, C.S.

US IMMIGRATION STATUS

Permanent resident applicant ("Green Card", final step)

ABOUT MYSELF

I was born in Ormskirk, England, but grew up in Germany. My father claims that he invented my first name. My mother insists that it was her idea. I am married to Susanne King-Jones, Ph.D., a botanist by training and a gardener at heart. I am an enthusiastic outdoor person, as I enjoy backpacking, camping, running and bird watching.

REFERENCES

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*My graduate advisor Dr. Günter Korge has recently retired, but may be contacted for any questions at the address provided. To speed things up, he has agreed to send signed copies of his letter of recommendation to Dr. Carl Thummel, who will send these out together with his own letters.