

Robin Moritz

Professor of Molecular Ecology
Martin-Luther-University Halle-Wittenberg



Curriculum Vitae:

- 1980 PhD in Biology University of Frankfurt/M
- 1982-1987: Assistant Professor (Hochschulassistent)
- 1987 Habilitation University of Frankfurt/M
- 1987-1991 Senior Researcher, Bayer. Landesanstalt Bienenzucht/ University of Erlangen
- 1991 Chair of Genetics, Head of Department University of Natal,
- 1991-1997 Professor of Genetics, Technical University Berlin
- since 1997 Professor of Molecular Ecology Martin-Luther University Halle-Wittenberg
- 2010-2014 International Director, Romanian Center of Bee Biotechnology (RoBeeTech)

Research fields

Molecular ecology of honeybee populations
Evolution of social behaviour in insects
Genomics of social behaviour in honeybees

Focus on R. Moritz's publications

- Beaurepaire AL, Krieger KJ, Moritz RFA (2017): Seasonal cycle of inbreeding and recombination of the parasitic mite *Varroa destructor* in honeybee colonies and its implications for the selection of acaricide resistance. *INFECT GENET EVOL* 50: 49-54.
- Buttstedt A, Ihling CH, Pietzsch M, Moritz RFA (2016): Royalactin is not a royal making of a queen. *NATURE* 537 (7621): E10-E12
- Erler S, Moritz RFA (2016): Pharmacophagy and pharmacophory: mechanisms of self-medication and disease prevention in the honeybee colony (*Apis mellifera*). *APIDOLOGIE* 47:389-411.
- Jarosch A, Stolle E, Crewe RM, Moritz RFA (2011): Alternative splicing of a single transcription factor drives selfish reproductive behavior in honeybee workers (*Apis mellifera*). *PROC NAT ACAD SCI USA* 108: 15282-15287
- Kurze C, Routtu J, and Moritz RFA (2016): Parasite resistance and tolerance in honeybees at the individual and social level. *ZOOLOGY* 119: 290-297.
- Moritz RFA, Erler S (2016): Lost colonies found in a data mine: Global honey trade but not pests or pesticides as a major cause of regional honeybee colony declines. *AGR ECOSYS ENVIRON* 216: 44-50.
- Moritz RFA, Kryger P, Allsopp MH (1996) Competition for royalty in bees. *NATURE* 384:31, 522
- Neumann P, Koeniger N, Koeniger G, Tingek S, Kryger P, Moritz RFA (2000) Home-site fidelity in migratory honeybees. *NATURE* 406:474-475
- Pirk CWW, Neumann P, Hepburn R, Moritz RFA (2004) Egg viability and worker policing in honey bees *PROC NAT ACAD SCI USA* 101:8649-8651
- Weinstock GM, Robinson GE, Gibbs RA, ...Moritz RFA, et al. (2006) Insights into social insects from the genome of the honeybee *Apis mellifera* *NATURE* 443: 931-949

Many more at <http://www.mol-ecol.uni-halle.de/publications/>