

## **CURRICULUM VITAE – TORSTEN NYGÅRD KRISTENSEN**

- **PERSONAL INFORMATION**

Name: Torsten Nygård Kristensen, Nationality: Danish, Date of birth: 3/12/1972

Address: Jens Munks Vej 36, 8200 Aarhus N.

- **EDUCATION**

Master of Science (2001) and PhD (2004) from Dept. of Bioscience, Aarhus University (AU)

- **RESEARCH FOCUS**

My main research focus is on understanding the genetic and physiological architecture of complex traits including human diseases and on identifying mechanisms that constrain and enforce adaptation to stressful environments. Related to this I have a strong interest in conservation genetics where my research focus on genetic characterization of endangered wild and domestic populations and on finding solutions to genetic challenges such as genetic drift and inbreeding in small populations. I am also interested in understanding how we can optimize responses to artificial selection using quantitative genetic theory and have recently engaged in research aiming to use this knowhow in optimizing production of insects to be used for food and feed.

- **CURRENT POSITION**

2016– Prof. Dept. of Chemistry and Bioscience, Aalborg University (AAU), Fredrik Bajers Vej 7H, 9220 Aalborg East, Denmark

- **PREVIOUS POSITIONS AND LONGER STAYS ABROAD**

2016–2020 Associate prof. Department of Biology, Aarhus University (AU) (20%)

2019– 6 weeks as a guest researcher at Melbourne University, Australia

2013–2016 Prof. MSO Dept. of Chemistry and Bioscience, AAU

2012–2013 Senior researcher for 12 months at NordGen - Nordic Genetic Resource Center, Domestic Animals Section (Nordic Council of Ministers institution), Ås, Norway

2008–2012 Steno Research Fellow at Dept. of Molecular Biology and Genetics, Foulum, AU

2008–2009 5 months as a guest researcher at Melbourne University, Australia

2005–2006 12 months as a guest researcher at Melbourne University, Australia

2004–2008 Postdoc at Dept. of Molecular Biology and Genetics, Foulum, AU

2001–2002 5 months as a guest researcher at University of New England, Armidale, Australia

- **LARGER RESEARCH GRANTS AND HONOURS**

2020-2024 DFF-FTP (PI, EUR ca. 830.000 EUR) ‘Optimization of insect production for animal feed through breeding’

2020-2022 Novo Nordisk Foundation (co-applicant, EUR ca. 190.000) ‘Integrative genomic and functional investigation of the genetic basis of Parkinson’s disease’

2018-2022 DFF-FNU (PI, EUR ca. 250.000) ‘Stress responses and candidate gene expression investigated across species and ecosystems in the field’

2016-2019 DFF-FTP (co-applicant, EUR ca. 856.000) ‘Optimizing performance of biological control agents used in Integrated Pest Management’

2015-2017 Villum block stipend (co-applicant, EUR ca. 188.000) ‘Modelling global insect distribution: Role of thermal acclimation and adaptation’

2015 I got to the interview round for an ERC consolidator grant (Final score: B - ‘meets some but not all elements of the ERC's excellence criterion and will not be funded’).

2014-2018 DFF-FNU Sapere aude II (PI, EUR ca. 800.000) ‘Genotype by environment interactions: transition from genotype to phenotype’

2008-2012 DFF-FNU Steno stipend (PI, EUR ca. 470.000) ‘Physiological responses to environmental and genetic stress’

2004-2008 Danish Agricultural and Veterinary Research Council (PI, EUR ca. 220.000) ‘Using model organisms to pinpoint genes contributing to disease in livestock’

- **SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS**

6 PhD students (including 4 as co-supervisor), 6 Post-doctoral researchers (including 3 as co-supervisor), 24 MSc students (including 10 as co-supervisor)

- **COMMISSIONS OF TRUST / MEMBERSHIPS OF SCIENTIFIC SOCIETIES**

2021– Member, Independent Research Fund Denmark | Natural Sciences

2020– Vice-head of Department for Research, Dept. of Chemistry and Bioscience, AAU

2020– Member of the PhD board, Faculty of Engineering and Science, AAU

2019– Chairman for the Research group on Biodiversity and Evolutionary Biology, AAU

2018– Board member ‘Viden for Verden talent program’ and ‘Nordjysk Naturtalent’, AAU

2016– Vice-chair for the Danish Cattle Foundation (‘Kvægafgiftsfonden’)

2015– Board representative COST Review Panels (<https://www.cost.eu/>)

2015– Editorial board member for the journals ‘Scientific Reports’ and ‘Genetica’

2013– Member of the Department committee, Dept. of Chemistry and Bioscience, AAU

2012– Reviewer for national research councils in Denmark, Germany, the Netherlands, Israel and France

2012 Guest editor on a special issue in the journal ‘Climate Research’

2012–2018 Board member of Aalborg Zoo Conservation Foundation

2010–2016 Board representative of European Science Foundation network ‘ConGenOmics’

2010–2016 Associate editor for the journal ‘Animal Conservation’

2007– Opponent 6 international doctoral dissertations (the Netherlands, Australia, Finland)

2002– Reviewer for approximately 20 peer-reviewed journals (approx. 12 articles per year)

- **LEADERSHIP & ADMINISTRATIVE EXPERIENCE**

Since completing my PhD in 2004 I have continuously acted as a researcher and project leader. This has been at universities and at NordGen, which is an organization under the Nordic Council of Ministers. In my current employment at Aalborg University, I have used and developed my project management and leadership skills; partly through major projects for which I have been responsible, partly through taking part in leadership duties, latest via my appointment as Vice-head of Department for Research at AAU, and through my work in a range of boards and committees. In my career, I have initiated and led many projects, often carried out in collaboration between researchers from different universities and countries, and in many cases in collaboration with private companies, farmers and interest groups. I have successfully brought together people from widely different backgrounds. My strengths include getting new ideas, initiating, organizing and facilitating fruitful collaboration, as well as building trusting and productive collaborations and relationships. To develop my skills as a project manager, I have taken project management courses.

- **CURRENT CLOSE COLLABORATORS**

Prof. A.A. Hoffmann, Melbourne Univ.; prof. C. Sgró and Dr. V. Kellermann, Monash Univ.; assoc. prof. T. Ketola and Dr. I. Kronholm, Jyvaskylä Univ.; Dr. Hervé Colinet Université de Rennes; prof. Volker Loeschke Aarhus University (AU); prof. Martin Holmstrup, AU; prof. Johannes Overgaard, AU, Dr. Anna Schönherz, AU; prof. Mogens Sandøe Lund, AU; assoc. prof. Jesper Givskov Sørensen, AU; assoc. prof. Mette Nyegaard, AU; senior scientist Toke Thomas Høye; AU; prof. MSO Kåre Lehmann Nielsen, Aalborg University (AAU); prof. MSO Jeppe Lund Nielsen, AAU; prof. Cino Pertoldi, AAU; assoc. prof. Anders Olsen, AAU; assoc. prof. Simon Bahrndorff, AAU; Dr. Palle Duun Rohde, AAU; assoc. prof. A. Malmendal, Roskilde Univ.

- **PUBLICATIONS**

140 peer-reviewed papers. Google Scholar: H Index 36 with >6500 citations; Web of Science: H Index 33 with > 4500 citations. For an updated list of publications please see:

<https://scholar.google.dk/citations?user=Z5i5VgUAAAAJ&hl=en> Or <https://vbn.aau.dk/en/persons/129197>

**PUBLICATIONS IN PEER-REVIEWED JOURNALS (LAST 5 YEARS). TOTAL NUMBER OF PEER REVIEWED PUBLICATION IS 140**

Schou, M.F, **Kristensen, T.N.** & Hoffmann, A.A. Patterns of environmental variance across environments and traits in domestic cattle. *Evolutionary Applications* (in press)

**Kristensen, T.N.**, Ketola, T. & Kronholm, I. Adaptation to environmental stress at different timescales. *Annals of the New York Academy of Sciences* (in press)

Rohde, P.D. & **Kristensen, T.N.** 2020. Untangling the genetic basis of drug response. *Pharmacogenomics* 21, 87-89

Schou, M.F, Hoffmann, A.A. & TN **Kristensen, T.N.** 2019. Genetic correlations and their dependency on environmental similarity - insights from livestock data. *Evolution* 73, 1672-1678

Davies, L.R., Schou, M.F., **Kristensen, T.N.** & Loeschcke, V. 2019. Fluctuations in nutrient composition affect male reproductive output in *Drosophila melanogaster*. *Journal of Insect Physiology* 118, 103940

MacLean, H.J., Overgaard, J., **Kristensen, T.N.**, Lyster, C., Hessner, L., Olsvig, E. & Sørensen, J.G. 2019. Temperature preference across life stages and acclimation temperatures investigated in four species of *Drosophila*. *Journal of Thermal Biology* 86, 102428

Sørensen, M.H., **Kristensen, T.N.**, Lauritzen, J.M.S., Noer, N.K., Høye, T.T. & Bahrndorff, S. 2019. Rapid induction of the heat hardening response in an Arctic insect. *Biology Letters* 15, Article ID: 20190613

Rohde, P.D., Jensen, I., Sarup, S., Ørsted, M., Demontis, D., Sørensen, P. & **Kristensen, T.N.** 2019. Genetic signatures of drug response variability in *Drosophila melanogaster*. *Genetics* 213, 633-650

**Kristensen, T.N.**, Loeschcke, V., Tan, Q., Pertoldi, C. & Mengel-From, J. 2019. Sex and age specific reduction in stress resistance and mitochondrial DNA copy number in *Drosophila melanogaster*. *Scientific Reports* 9, Article number: 12305

Jensen, K., Toft, S., Sørensen, J.G., Sigsgaard, L., **Kristensen, T.N.**, Overgaard J. & Holmsstrup, M. 2019. Prey-specific experience affects prey preference and time to kill in the soil predatory mite *Gaeolaelaps aculeifer* Canestrini. *Biological Control* 139, 104076

Ørsted, M., Hoffmann, A.A., Sverrisdóttir, E., Nielsen, K.L. & **Kristensen, T.N.** 2019. Genomic variation predicts adaptive evolutionary responses better than population bottleneck history. *PLoS Genetics* 15, e1008205

MacLean, H.J., Sørensen, J.G., **Kristensen, T.N.**, Loeschcke, V., Beedholm, K. & Overgaard, J. 2019. Evolution and plasticity of thermal performance: An analysis of variation in thermal tolerance and fitness in 22 *Drosophila* species. *Philosophical Transactions of the Royal Society B.* 374, 20180548

Mengel-From, J., Svane, A.M., Pertoldi, C., **Kristensen, T.N.**, Loeschcke, V., Skytthe, A., Christensen, K., Lindahl-Jacobsen, R., Hjelmberg, J. & Christiansen L. 2019. Advanced parental age at conception and sex affects mitochondrial DNA copy number in human and fruit flies. *The Journals of Gerontology: Series A*, glz070

Stronen, A.V., Pertoldi, C., Iacolina, L., Kadarmideen, H.N. & **Kristensen, T.N.** 2019. Genomic analyses suggest adaptive differentiation of northern European native cattle breeds. *Evolutionary Applications* 12, 1096-1111

Moghadam, N.N., Pertoldi, C., **Kristensen, T.N.** & Bahrndorff, S. 2019. Effects of photoperiod on life-history and thermal stress resistance traits across populations of *Drosophila subobscura*. *Ecology and Evolution* 9, 2743–2754

Moghadam, N.N., Ketola, T., Pertoldi, C., Bahrndorff, S. & **Kristensen, T.N.** 2019. Heat hardening capacity in *Drosophila melanogaster* is life stage-specific and juveniles show the highest plasticity. *Biology Letters* 15, 20180628

Ørsted, M., Hoffmann A.A., Rohde, P.D., Sørensen, P. & **Kristensen, T.N.** 2019. Strong impact of environment on the quantitative genetic basis of a key stress tolerance trait. *Heredity* 122, 315–325

Jensen, K., Overgaard, J., **Kristensen, T.N.** & Holmstrup, M. 2018. Increased lipid accumulation but not reduced metabolism explains improved starvation tolerance in cold-acclimated arthropod predators. *The Science of Nature* 105, 65

Madsen, M.D., Madsen, P., Nielsen, B., **Kristensen, T.N.**, Jensen, J. & Shirali, M. Macro-environmental sensitivity for growth rate in Danish Duroc pigs is under genetic control. *Journal of Animal Science* 96, 4967-4977

Jensen, C., Ørsted, M. & **Kristensen, T.N.** 2018. Effects of genetic distance on heterosis in a *Drosophila melanogaster* model system. *Genetica* 146, 345-359

Pertoldi, C., Bach, L.A. & **Kristensen, T.N.** 2018. Behavioural instability; what is next. A holistic approach to behavioural studies. *Multidisciplinary Digital Publishing Institute Proceedings* 2, 50

Rasmussen, L.B., Jensen, K., Sørensen, J.G. Sverrisdóttira, E., Nielsen, K.L., Holmstrup, M. & **Kristensen, T.N.** 2018. Are commercial stocks of biological control agents genetically depauperate? – A case study on the pirate bug *Orius majusculus* Reuter. *Biological Control* 127, 31-38

Schou, M.F., Bechsgaard, J., Muñoz, J. & **Kristensen, T.N.** 2018. Genome-wide regulatory deterioration impedes adaptive responses to stress in inbred populations of *Drosophila melanogaster*. *Evolution* 72, 1614–1628

Davies, L.R., Schou, M.F., **Kristensen, T.N.** & Loeschcke, V. 2018. Linking developmental diet to adult foraging choice in *Drosophila melanogaster*. *Journal of Experimental Biology*, jeb. 175554

Maclean, H.J., **Kristensen, T.N.**, Sørensen, J.G. & Overgaard J. 2018. Laboratory maintenance does not alter ecological and physiological patterns among species: a *Drosophila* case study. *Journal of Evolutionary Biology* 31, 530–542

Moghadam, N.N., Thorshauge, P.M., **Kristensen, T.N.**, de Jonge, N., Bahrndorff, S., Kjeldal, H. & Nielsen, J.L. 2018. Strong responses of *Drosophila melanogaster* microbiota to developmental temperature. *Fly* 12, 1-12

Rohde, P.D., Østergaard, S., **Kristensen, T.N.**, Sørensen, P., Loeschcke, L., Mackay, T.F.C. & Sarup, P. 2018. Functional validation of candidate genes detected by genomic feature models. *Genes Genomes Genetics* 8, 1659-1668

Ørsted, M., Rohde, P.D., Hoffmann, A.A., Sørensen, P. & **Kristensen, T.N.** 2018. Environmental variation partitioned into separate heritable components. *Evolution* 72, 136-152

Ørsted, M., Malmendal, A., Muñoz, J. & **Kristensen, T.N.** 2018. Metabolic and functional phenotypic profiling reveal reduced sex differentiation under stressful environmental conditions in *Drosophila melanogaster*. *Biological Journal of the Linnean Society* 123, 155-162

Ketola, T. & **Kristensen, T.N.** 2017 Experimental approaches for testing if tolerance curves are useful for predicting future distributions of biota. *Frontiers in Ecology and Evolution* 5, 129

Schou, M.F. Loeschcke, V., Bechsgaard, J.S., Schlötterer, C. & **Kristensen, T.N.** 2017. Unexpected high genetic diversity in small populations suggests maintenance by associative overdominance. *Molecular Ecology* 26, 6510–6523

MacLean, H.J., **Kristensen, T.N.**, Overgaard, J., Sørensen, J.G. & Bahrndorff, S. 2017. Acclimation responses to short-term temperature treatments during early life stages causes long lasting changes in spontaneous activity of adult *Drosophila melanogaster*. *Physiological Entomology* 42, 404-411

Jensen, K., **Kristensen, T.N.**, Overgaard, J., Toft, S., Sørensen, J.G., & Holmstrup, M. 2017. Cold acclimation reduces predation rate and reproduction but increases cold- and starvation tolerance in the predatory mite *Geolaelaps aculeifer*. *Biological Control* 114, 150-157

Stronen, A.V., Salmela, E., Baldursdóttir, B.K., Berg, P. Espelien, I.S. Järvi, K., Jensen, H., **Kristensen, T.N.**, Melis, C., Manenti, T., Lohi, H. & Pertoldi, C. 2017. Genetic rescue of an endangered domestic animal through outcrossing with closely related breeds: A case study of the Norwegian Lundehund. *PLOS ONE* 12, e0177429

Hoffmann, A.A. Sgrò, C.M. & **Kristensen, T.N.** 2017. Revisiting adaptive potential, population size, and conservation. *Trends in Ecology & Evolution* 32, 506-517

Schou, M.F., **Kristensen, T.N.**, Pedersen, A., Karlsson, B.G., Loeschcke, V. & Malmendal, A. 2017. Metabolic and functional characterization of effects of developmental temperature in *Drosophila melanogaster*. *American Journal of Physiology-Regulatory, Integrative and Comparative Physiology* 312, R211–R222 (shared first authorship between Schou and Kristensen)

Ørsted, M., Schou, M.F. & **Kristensen, T.N.** 2017. Biotic and abiotic factors investigated in two *Drosophila* species—evidence of both negative and positive effects of interactions on performance. *Scientific Reports* 7

Hertz, M., Jensen, I.R., Jensen, L.A., Nielsen, I.V., Winde, J., Stronen, J.V., **Kristensen, T.N.** & Pertoldi C. 2016. Population Viability Analysis on a native Danish cattle breed. *Animal Genetic Resources Information* 59, 105-112

**Kristensen, T.N.**, Henningsen, A.K., Aastrup, C., Bech-Hansen, M., Bjerre, L.B.H., Carlsen, B., Hagstrup, M., Jensen, S.G., Karlsen, P., Kristensen, L., Lundsgaard, C., Møller, T., Nielsen, L.D., Starcke, C., Sørensen, C.R. & Schou, M.F. 2016. Fitness components of *Drosophila melanogaster* developed on a standard laboratory diet or a typical natural food source. *Insect Science* 23, 771-779

Sørensen, J.G., **Kristensen, T.N.** & Overgaard, J. 2016. Evolutionary and ecological patterns of thermal acclimation capacity in *Drosophila*: Is it important for keeping up with climate change? *Current Opinion in Insect Science* 17:98–104

Slotsbo, S., Schou M.F, **Kristensen, T.N.**, Loeschcke, V. & Sørensen, J.G. 2016. Reversibility of developmental heat and cold plasticity is asymmetric and has long-lasting consequences for adult thermal tolerance. *Journal of Experimental Biology* 219, 2726-2732

Rohde, P.D., Krag, K., Loeschcke, V., Overgaard, J., Sørensen, P. & **Kristensen, T.N.** 2016. A quantitative genomic approach for analysis of fitness and stress related traits in a *Drosophila melanogaster* model population. *International Journal of Genomics* 2016: 2157494

Hoffmann, A.A., Merilä, J. & **Kristensen, T.N.** 2016. Heritability and evolvability of fitness and nonfitness traits: Lessons from livestock. *Evolution* 70, 1770–1779



Rohde, P.D., Madsen, L.S., Arvidson, S.M.N., Loeschcke, V., Demontis, D. & **Kristensen, T.N.** 2016. Testing candidate genes for attention-deficit/hyperactivity disorder in fruit flies using a high throughput assay for complex behavior. *Fly* 10, 25-34

**Kristensen, T.N.**, Kjeldal, H., Schou, M.F. & Nielsen, J.L. 2016. Proteomic data reveals a physiological basis for costs and benefits associated with thermal acclimation. *Journal of Experimental Biology* 219, 969-976

MacMillan, H.A., Schou, M.F., **Kristensen, T.N.** & Overgaard, J. 2016. Preservation of potassium balance is strongly associated with insect cold tolerance in the field: a seasonal study of *Drosophila subobscura*. *Biology Letters* 12

Sørensen, J.G.; Schou, M. F., **Kristensen, T.N.** & Loeschcke, V. 2016. Thermal fluctuations affect the transcriptome through mechanisms independent of average temperature. *Scientific Reports* 6, No. 30975

Bahrndorff, S., Gertsen, S., Pertoldi, C. & **Kristensen, T.N.** 2016. Investigating thermal acclimation effects before and after a cold shock in *Drosophila melanogaster* using behavioural assays. *Biological Journal of the Linnean Society* 117, 241–251

Kellermann, V., Hoffmann, A.A., **Kristensen, T.N.**, Moghadam, N.N. & Loeschcke, V. 2015. Experimental evolution under fluctuating thermal conditions does not reproduce patterns of adaptive clinal differentiation in *Drosophila melanogaster*. *American Naturalist* 186: 582-593

Henderson, G., Cox, F., Ganesh, S., et al. 2015. Rumen microbial community composition varies with diet and host, but a core microbiome is found across a wide geographical range. *Scientific Reports* 5, 14567

Pellegrino, I., Boatti, L. Cucco, M., Mignone, F., **Kristensen, T.N.**, Mucci, N., Randi, E., Ruiz-Gonzalez, A., Pertoldi C. 2015. Development of SNP markers for population structure and phylogeography characterization in little owl (*Athene noctua*) using a genotyping- by-sequencing approach. *Conservation Genetic Resources* 8, 13–16

**Kristensen, T.N.**, Overgaard, J., Lassen, J., Hoffmann, A. A. & Sgrò, C. 2015. Low evolutionary potential for egg-to-adult viability in *Drosophila melanogaster* at high temperatures. *Evolution* 69, 803-814

**Kristensen, T.N.**, Hoffmann, A.A., Pertoldi, C., & Stronen A.V. 2015. What can livestock breeders learn from conservation genetics and *vice versa*? *Frontiers in Genetics* 6

Sørensen, J.G., **Kristensen, T.N.**, Loeschcke, V. & Schou M.F. 2015. No trade-off between high and low temperature tolerance in a winter acclimatized Danish *Drosophila subobscura* population. *Journal of Insect Physiology* 77, 9-14

Schou, M.F., Loeschcke, V. & **Kristensen, T.N.** 2015. Strong costs and benefits of winter acclimatization in *Drosophila melanogaster*. *PLOS ONE* 10, e0130307

Pellegrino, I., Negri, A., Boano, G., Cucco, M., **Kristensen, T.N.**, Pertoldi, C., Randi, E., Šálek, M. & Mucci, N. 2015. Evidence for strong genetic structure in European populations of the little owl *Athene noctua*. *Journal of Avian Biology* 46, 462-475

Pertoldi, C & **Kristensen, T.N.** 2015. A new fluctuating asymmetry index, or the solution for the scaling effect? *Symmetry* 7, 327-335

Schou, M.F., Loeschcke, V. & **Kristensen, T.N.** 2015. Inbreeding depression across a nutritional stress continuum. *Heredity* 115, 56-62

Shafer, A.B.A., Jochen, J.B.W., Alves, P.C., et al. 2015. Genomics and the challenging translation into conservation practice. *Trends in Ecology & Evolution* 30, 78-87

Schou, M.F., **Kristensen, T.N.** & Loeschcke, V. 2015. Trait-specific consequences of inbreeding on adaptive phenotypic plasticity. *Ecology and Evolution* 5, 1-6

## **BOOK CHAPTERS**

Jensen, K., **Kristensen, T.N.**, Heckmann, L.-H.L. & Sørensen, J.G. Breeding and maintaining high-quality insects. In press in: 'Insects as food and feed: from production to consumption', edited by van Huis, A. & Tomberlin, J.K.

**Kristensen, T.N.**, Pertoldi, C. & Loeschcke, V. 2016. Fænotypisk plasticitet – organismers potentiale for at tilpasse fænotypen miljøet. In 'Evolutionsbiologiske milepæle', edited by Borchsenius, F., Christiansen, F.B., Finster, K., and Wang, T. Aarhus Universitetsforlag, Aarhus, Denmark. Pp 41-62

Sørensen, J.G., Sarup, P., **Kristensen, T.N.** & Loeschcke, V. 2008. Temperature induced hormesis in *Drosophila*. In: 'Mild stress and healthy aging', edited by Le Bourg, E. & Rattan, S.I.S.. Springer Netherlands. Pp. 65-79

Abete, P., Calabrese, E.J., Ji, L.L., **Kristensen, T.N.**, Le Bourg, E., Loeschcke, V., Morris, B., Rengo, F., Rattan, S.I.S., Safwat, A., Sarup, P., Sørensen, J.G. & Vaiserman, A. 2008. Mild Stress and Healthy Aging: Perspectives for Human Beings. In: 'Mild stress and healthy aging edited by Le Bourg, E. & Rattan, S.I.S.). Springer Netherlands. Pp. 171-183.

## SELECTED PUBLICATIONS IN DANISH MAGAZINES

**Kristensen, T.N.**, Pertoldi, C. & Noer, N.K. 2019. Genetikken giver os nye muligheder for at redde truede arter. <https://videnskab.dk/naturvidenskab/genetikken-giver-os-nye-muligheder-for-at-redde-truede-arter>

Ørsted, M. & **Kristensen, T.N.**, 2019 Moderne bevaringsgenetik i en foranderlig verden. *Aktuel Naturvidenskab* 6, 28-31

**Kristensen, T.N.**, Pertoldi, C., Espelien, I.S. & Strönen, A.V. 2016. Kunsten at redde en genetisk truet race. *Hunden*, 11, 2-8

Strönen, A.V., Pertoldi, C., & **Kristensen, T.N.** 2015. Genetiske værktøjer kan redde truede bestande. *Aktuel Naturvidenskab*, 16-20

Ruottinen, L., Berg, P., Kantanen, J., **Kristensen, T.N.** & Præbel, A. 2014. Status and Conservation of the Nordic Brown Bee: Final report. Nordic Genetic Resource Center, 42 s. (NordGen publication series 2014:02)

Andersen, L.H., Pertoldi, C., Loeschcke, V., Laursen, J.T., Jensen, T.H. & **Kristensen, T.N.** 2013. Kan Kirkeuglen (*Athene noctua*) reddes I Danmark? *Flora & Fauna* 119, 1-8

- Kristensen, T.N.** 2009 Økologiske, fysiologiske, og genetiske konsekvenser af klimastress. *Flora & Fauna* 113, 99-106
- Kristensen, T.N.**, Pertoldi, C., Berg, P. & Loeschcke, V. 2007. Variation – et centralt begreb i biologien: om forskelle, ligheder og forandringer. *Naturens Verden* 10, 16- 23
- Sørensen, J.G., **Kristensen, T.N.**, Pertoldi, C. & Loeschcke, V. 2006. Moderne bevaringsbiologi – nye muligheder i DNA-tidsalderen. *Aktuel Naturvidenskab* 6, 24-27
- Pedersen, K.S. & **Kristensen, T.N.**, 2004. Selektion og indavl - genetik og nye muligheder. *Hunden* 5, 16-18
- Sørensen, J.G., **Kristensen, T.N.** & Loeschcke, V. 2004. Når stress er sundt. *Aktuel Naturvidenskab* 6, 18-21
- Kristensen, T.N.** 2003. Stress, chaperoner og SDM-Dansk Holstein. *Sortbroget Kvæg* 4, 41-43
- Kristensen, T.N.**, Sørensen, J.G. & Sørensen, A.C. 2003. Indavl og miljøstress - fra bananfluer til husdyr. *Aktuel Naturvidenskab* 5, 17-20
- Pedersen, L.D., **Kristensen, T.N.**, Pertoldi, C., Andersen, D.H. & Loeschcke, V. 2003. Indikator for miljøstress. *Vand og Jord* 2, 64-66
- Kristensen, T.N.**, Berg, P., Løvendahl, P. & Loeschcke, V. 2002. Molekylær chaperoner. *JordbrugsForskning* 6, 1-3