
Morten Scheibye-Knudsen

Center for Healthy Aging, Dpt. of Cellular and Molecular Medicine, University of Copenhagen, Denmark
Contact: +45 42 50 70 60 / mscheibye@sund.ku.dk / www.scheibye-knudsen.com

My research focuses on the very basic building blocks of life, our DNA, and how damaged DNA may contribute to pathologies associated with aging. I utilize *in silico*, *in vitro* and *in vivo* methodologies to understand how we can intervene in the aging process. My goal: to allow everyone to live healthier and longer lives.

Date: May 9th 2018

Signature:



Professional experience

- 2018- Associate professor, Center for Healthy Aging, University of Copenhagen.
- 2017- Chief, Medical Anatomical Specimen Creation, University of Copenhagen
- 2015-2018 Assistant professor, Center for Healthy Aging, University of Copenhagen.
- 2015-2016 Visiting professor – Translational Gerontology Branch, National Institute on Aging, NIH.
- 2013-2015 Research Fellow at the Laboratory of Molecular Gerontology, National Institute on Aging, NIH.
- 2008-2013 Postdoc at the Laboratory of Molecular Gerontology, National Institute on Aging, NIH.
- 2008 District physician, Nuuk Medical Facility, Greenland.
- 2007-2008 Physician, Department of Internal Medicine, Slagelse hospital, Denmark.
- 2007 Physician, Department of Orthopedic surgery, Slagelse hospital, Denmark.
- 2006 Scholarship, Institute for Medical Biochemistry and Genetics, University of Copenhagen, Denmark.

Education & Medical certification

- 2016 DMSc., University of Copenhagen.
- 2008 Board certified as an independent physician, Danish Medical Association.
- 2007 M.D., University of Copenhagen.

Teaching & Mentoring

- 2017- Lecturer, Medical anatomy and embryology, Department of Cellular and Molecular Medicine, University of Copenhagen
- 2017- Lecturer, IARU Summer School, Interdisciplinary Aspects of Healthy Aging, PhD course
- 2016- Mentor for one assistant professor, three post docs, three PhD student, six master students, one bachelor students, two research assistants and three guest researcher.
- 2015-2017 Lecturer, Bloomberg School of Public Health, Johns Hopkins University, "Cell biology of aging".
- 2012-2015 Mentor for undergraduates Lynn Froetscher, James Wang, Matthew Martindale and Emily Zagorski.
- 2003-2007 Teacher, Medical Anatomical Institute, University of Copenhagen.

Entrepreneurship

- 2011- Founder and owner of Soosys, www.soosys.com. Cloud based lab management software.
- 2004- Founder and owner of Forsoegsperson.dk, the largest recruiter of volunteers for clinical trials in Denmark.

Recognition

- 2015 NIA IRP Scientific Retreat, Scientific Directors Award. (Top 5% of fellows at the NIA)
- 2015 LabTV.com, <http://www.labtv.com/Home/Profile?researcherId=1657>
- 2014 Travel award, International symposium on XP and related diseases, Kobe, Japan.
- 2013 NIH - Fellows Award for Research Excellence. (Top 25% of post docs at the NIH)
- 2012 Seahorse Bioscience travel award.
- 2012 Burroughs Wellcome Travel Scholarship.
- 2012 NIA - Nathan Shock postdoc award. (Top 1% of post docs at the NIA)
- 2011 NIH - Fellows Award for Research Excellence. (Top 25% of post docs at the NIH)
- 2011 NIA - Nathan Shock postdoc award. (Top 1% of post docs at the NIA)
- 2006 Scholarship at the University of Copenhagen.

Invited presentations

- 2018 "The discovery of a new neurodegenerative premature aging disease", *VPN2*, Oslo, Norway
- 2018 Organizer of *Fifth Annual Aging Research for Drug Discovery* conference, Basel, Switzerland.
- 2018 "The aging phenome", Department of Public Health, University of Copenhagen, Denmark
- 2018 "The aging phenome", Keynote speaker, *Biotechnology and Longevity*, Moscow, Russia
- 2018 "Aging and artificial intelligence", IDA, Denmark
- 2018 "The aging phenome", Aarhus University, Denmark
- 2017 "The aging phenome. Using monogenic DNA repair disorders to understand aging", Cabimer Institute, Spain
- 2017 "The aging phenome. Using monogenic DNA repair disorders to understand aging", University of Leiden, Netherlands
- 2017 "Interventioner i hjernealdring", *Kulturnatten*, Medicinsk Museion, Copenhagen
- 2017 Organizer of *Fourth Annual Aging Research for Drug Discovery* conference, Basel, Switzerland.
- 2017 "Interventions in Accelerated Aging", *EuroSciCon* web conference.
- 2017 "Metabolism in Accelerated Aging", National Heart Lung and Blood Institute, NIH – USA
- 2016 "Metabolism in Accelerated Aging", *Agilent Symposium*, Copenhagen, Denmark
- 2016 "Metabolism in Accelerated Aging", University of Southern Denmark, Denmark
- 2016 "Interventions in Accelerated Aging", Basel life science week – Basel, Switzerland
- 2016 "Neurodegeneration in Accelerated Aging", *Benzon symposium* – Copenhagen, Denmark
- 2016 "Neurodegeneration in Accelerated Aging", *FAME congress* – Pesc, Hungary
- 2015 "Connecting dots in Cockayne Syndrome", Cockayne syndrome support group, Manchester, UK
- 2015 "Connecting dots: DNA damage, Metabolism and the Brain", Office of the Scientific Director (OSD) - seminar, National Institute on Aging, NIH
- 2015 "Neurodegeneration in accelerated aging", Department of Molecular Biology and Genetics, University of Aarhus
- 2014 "Neurodegeneration in accelerated aging", Department of Biology, University of Rochester
- 2014 "A High Fat Diet and NAD⁺ Rescue Premature Aging in Cockayne Syndrome", *Molecular Genetics of Aging*, Cold Spring Harbor
- 2014 "Neurodegeneration in DNA repair disorders", DNA repair interest group, NIH. Can be viewed online here: <http://videocast.nih.gov/summary.asp?Live=14212&bhcp=1>
- 2014 "A High Fat Diet Rescues the Aging Phenotype of Cockayne Syndrome Mice", *Baltimore Area Repair Symposium*, NIA, Johns Hopkins and Maryland Universities
- 2014 "Neurodegeneration in accelerated aging disorders", Office of the Scientific Director (OSD) -seminar, National Institute on Aging, NIH
- 2014 "Neurodegeneration in accelerated aging disorders", Center for Healthy Aging, University of Copenhagen
- 2013 "Defective Mitophagy in Xeroderma Pigmentosum Group A via PARP1 Activation and Impairment of the NAD⁺/SIRT1 Pathway", *Regional Translational Research in Mitochondria, Aging and Disease Symposium*, Children's Hospital of Philadelphia, Philadelphia
- 2013 "A High Fat Diet Rescues the Aging Phenotype of Cockayne Syndrome Mice", *Mitochondrial Biogenesis and Dynamics in Health Disease and Aging*, FASEB, Montana
- 2012 "Cockayne Syndrome and Mitochondrial Aging", Center for Healthy Aging, University of Copenhagen
- 2012 "CSB Reduces Mitochondrial Stress and Promotes Autophagy", *Baltimore Area Repair Symposium*, NIA, Johns Hopkins and Maryland Universities.
- 2011 "Cockayne Syndrome Group B protein Prevents Mitochondrial Stress and Promotes Autophagy", DNA repair interest group, NIH. <http://videocast.nih.gov/summary.asp?Live=11959&bhcp=1>
- 2010 "CSB Regulates Mitochondrial Metabolism" *Xeroderma Pigmentosum and other diseases of human premature aging and DNA repair: Molecules to patients*, NCI, NIH
- 2010 "CSB Regulates Mitochondrial Metabolism", Center for Healthy Aging, University of Copenhagen

Leadership & Services

- 2018- Member of the Advisory Board, Lifeboat Foundation
- 2017- Management group member of MouseAge EU cost action
- 2017- Fellow, Royal Society of Medicine, UK.
- 2016- Ad hoc review for the Netherlands Organisation for Scientific Research, French National Research Agency and others.

Morten Scheibye-Knudsen

- 2015- Medical Advisory Board Member - Amy and Friends, Cockayne syndrome support group.
- 2015- Editor – Frontiers in Pharmacology and Journal of Gerontology & Geriatric Medicine.
- 2012- Founder and developer of Mitodb.com, an online mitochondrial bioinformatics toolbox.
- 2008- Ad hoc reviewer for: Science Signaling, EMBO Journal, PNAS, Free Radical Biology and Medicine, Aging Cell, Cancer Research, American Journal of Pathology, Journal of Gerontology: Biological Sciences, and many others.
- 2007- Member, Danish Medical Association, Denmark.
- 2017-2018 Courses: New Leaders at the University, Leading Research, Introduction to University Pedagogy, University Pedagogy
- 2014 Chief-judge - NIH Fellows Award for Research Excellence.
- 2010-2013 Judge at NIH-intramural poster presentations.

Grant support

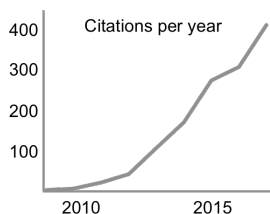
- 2018 Neye, DKK 500.000
- 2018 Insilico Medicine Inc, DKK 446.700
- 2018 NNF challenge grant (co-investigator, #27812), DKK 60.000.000
- 2017 The Danish Cancer Society (#R167-A11015_001), DKK 1.400.000
- 2017 Independent Research Fund Denmark (#7016-00230B), DKK 2.570.627
- 2017 Dagmar Marshalls Foundation, DKK 95.000
- 2017 Beckett Foundation DKK 95.000
- 2017 Kirsten og Freddy Johansens Foundation, DKK 88.725
- 2016 Læge Sofus Carl Emil Friis og Hustru Olga Doris Friis' Legat, DKK 153.000
- 2015 NIH IRP: "A ketogenic diet in Cockayne syndrome" 112.000 USD
- 2015 co-PI NIH IRP: "Tomatidine in Parkinson's disease" 15.600 USD
- 2014 NIH IRP: "Metabolism in the Wrn/Terc mouse model of aging" 81.000 USD

Publications

Bibliometrics (From Scopus):

Citations: 1557

H-index: 20



- 42 Cortese F, Klovov D, Osipov A, Stefaniak J, Moskalev A, Schastnaya J, Cantor C, Aliper A, Mamoshina P, Ushakov I, Sapetsky A, Vanhaelen Q, Alchinova I, Karganov M, Kovalchuk O, Wilkins R, Shtemberg A, Moreels M, Baatout S, Izumchenko E, de Magalhães JP, Artemov AV, Costes SV, Beheshti A, Mao XW, Pecaut MJ, Kaminskiy D, Ozerov IV[#], **Scheibye-Knudsen M[#]**, Zhavoronkov A[#]; Vive la radiorésistance!: converging research in radiobiology and biogerontology to enhance human radioresistance for deep space exploration and colonization; *Oncotarget*; Feb 2018 [[#]co-corresponding]
- 41 Mamoshina P, Kochetov K, Putin E, Cortese F, Aliper A, Lee WS, Ahn SM, Uhn L, Skjodt N, Kovalchuk O, **Scheibye-Knudsen M**, Zhavoronkov A; Population Specific Biomarkers of Human Aging: a Big Data Study using Korean, Canadian and Eastern European Patient Populations; *Journal of Gerontology: Biological Sciences*; Jan 2018
- 40 Keijzers G, Bakula D, **Scheibye-Knudsen M**; Monogenic Diseases of DNA Repair; *The New England Journal of Medicine*; Nov 2017
- 39 Chekanov K, Mamoshina P, Yampolskiy RV, Timofte R, **Scheibye-Knudsen M**, Zhavoronkov A, Evaluating race and sex diversity in the world's largest companies using deep neural networks; *arXiv.org*; Jul 2017
- 38 Fang E, Waltz T, Kassahun H, Lu Q, Kerr J, Morevati M, Fivenson E, Wollman B, Marosi K, Wilson M, Iser W, Eckley D, Zhang Y, Lehrman E, Goldberg I, **Scheibye-Knudsen M**, Mattson MP, Nilsen H, Bohr VA, Becker KG; Tomatidine enhances lifespan and healthspan in *C. elegans* through mitophagy induction via the SKN-1/Nrf2 pathway; *Scientific Reports*; Apr 2017
- 37 Fivenson EM, Lautrup S, Sun N, **Scheibye-Knudsen M**, Stevnsner T, Nilsen H, Bohr VA, Fang EF; Mitophagy in neurodegeneration and aging; *Neurochem Int.*; Feb 2017

- 36 Karikkineth AC, **Scheibye-Knudsen M**, Fivenson E, Croteau DL, Bohr VA; Cockayne syndrome: Clinical features, model systems and pathways; *Ageing Research Reviews*; Jan 2017
- 35 Marosi K, Kim SW, Moehl K, **Scheibye-Knudsen M**, Cheng A, Cutler R, Camandola S, Mattson MP; 3-Hydroxybutyrate regulates energy metabolism and induces BDNF expression in cerebral cortical neurons; *J Neurochem.*; Dec 2016
- 34 Lauritzen KH, Hasan-Olive MM, Regnell CE, Kleppa L, **Scheibye-Knudsen M**, Gjedde A, Klungland A, Bohr VA, Storm-Mathisen J, Bergersen LH; A ketogenic diet accelerates neurodegeneration in mice with induced mitochondrial DNA toxicity in the forebrain; *Neurobiology of Aging*; Dec 2016
- 33 **Scheibye-Knudsen M**; Neurodegeneration in Accelerated Aging; *Dan Med J.*; Nov 2016
- 32 **Scheibye-Knudsen M**[#], Tseng AHH, Jensen MB, Scheibye-Alsing K, Fang EF, Iyama T, Bharti SK, Marosi K, Froetscher L, Kassahun H, Eckley DM, Maul R, Bastian P, De S, Ghosh S, Nilsen H, Goldberg I, Mattson MP, Wilson III D, Brosh RM, Gorospe M, Bohr VA[#]; CSA and CSB Converge on Transcription-Linked Resolution of Non-B DNA; *Proceedings of the National Academy of Sciences*; Nov 2016 [[#]co-corresponding]
- 31 Fang EF, Kassahun H, Croteau DL, **Scheibye-Knudsen M**, Marosi K, LuH, Shamanna RA, Kalyanasundaram S, Bollineni RC, Wilson MA, Iser WB, Wollman BN, Morevati M, Li J, Kerr JS, Lu Q, Waltz TB, Tian J, Sinclair DA, Mattson MP, Nilsen H, Bohr VA; NAD⁺ Replenishment Improves Lifespan and Healthspan in Ataxia Telangiectasia Models via Mitophagy and DNA Repair; Oct *Cell Metabolism*. 2016
- 30 de Cabo R, Martin-Montalvo A, Sun Y, Diaz-Ruiz A, Ali A, Gutierrez V, Palacios H, Curtis J, Siendones E, Ariza J, Abulwerdi G, Sun X, Wang A, Pearson K, Fishbein K, Spencer R, Wang M, Han X, **Scheibye-Knudsen M**, Baur J, Shertzer H, Navas P, Villalba J, Zou S, Bernier M; Cytochrome b5 reductase and the control of lipid metabolism and healthspan; *Ageing and Mechanisms of Disease*, Jul 2016
- 29 Fang EF, Froetscher L, **Scheibye-Knudsen M**, Bohr VA, Ng TB; Emerging antitumor activities of the bitter melon (*Momordica charantia*), *Current Protein & Peptide Science*, Jul 2016
- 28 Mitchell SJ, Madrigal-Matute J, **Scheibye-Knudsen M**, Fang E, Aon M, González-Reyes JA, Cortassa S, Kaushik S, Gonzalez-Freire M, Patel B, Wahl D, Ali A, Calvo-Rubio M, Burón MI, Guitierrez V, Ward TM, Palacios HH, Cai H, Frederick DW, Hine C, Broeskamp F, Habering L, Dawson J, Beasley TM, Wan J, Ikeno Y, Hubbard G, Becker KG, Zhang Y, Bohr VA, Longo DL, Navas P, Ferrucci L, Sinclair DA, Cohen P, Egan JM, Mitchell JR, Baur JA, Allison DB, Anson RM, Villalba JM, Madeo F, Cuervo AM, Pearson KJ, Ingram DK, Bernier M, de Cabo R; Effects of Sex, Strain, and Energy Intake on Hallmarks of Aging in Mice; *Cell Metabolism*, Jun 2016
- 27 Fang EF*, **Scheibye-Knudsen M***, Chua KF, Mattson MP, Croteau DL and Bohr VA; Nuclear DNA damage signalling to mitochondria in ageing; *Nature Reviews Molecular Cell Biology*; May 2016 [*co-first]
- 26 Fang EF, **Scheibye-Knudsen M**, Jahn HJ, Li J, Ling L, Guo H, Zhu X, Preedy V, Lu H, Bohr VA, Chan WY, Liu Y, Ng TB; A research agenda for ageing in China in the 21st century, *Ageing Research Reviews*; Nov 2015
- 25 Maynard S, Fang EF, **Scheibye-Knudsen M**, Croteau DL, Bohr VA; DNA damage, DNA repair, aging and neurodegeneration; *Cold Spring Harbor Perspectives Med.*; Sep 2015
- 24 Hey-Mogensen M, Gram M, Jensen MB, Lund MT, Jensen CN, **Scheibye-Knudsen M**, Bohr VA, Dela F; A novel method for determining human ex vivo submaximal skeletal muscle mitochondrial function; *Journal of Physiology*; Sep 2015
- 23 **Scheibye-Knudsen M**, Fang EF, Croteau DL, Wilson III DM, Bohr VA; Protecting the Mitochondrial Powerhouse; *Trends in Cell Biology*; Mar 2015
- 22 Canugovi C, Misiak MM, **Scheibye-Knudsen M**, Croteau DL, Mattson MP, Bohr VA; Loss of endonuclease eight-like 1 (NEIL1) causes defects in olfactory function in mice; *Neurobiology of Aging*; Feb 2015
- 21 Mitchell SJ*, **Scheibye-Knudsen M***, Longo DL, de Cabo R; Animal models of aging research: implications for human aging and age-related diseases; *Annual Review of Animal Biosciences*; 2015 [*co-first]
- 20 **Scheibye-Knudsen M**, Mitchell S, Fang EF, Ward T, Wang J, Dunn CA, Singh N, Veith S, Hasan M, Mangerich A, Wilson M, Mattson MP, Bergersen LH, Cogger V, Moaddel R, Croteau DL, de Cabo R, Bohr VA; A High Fat Diet and NAD⁺ Activate SIRT1 to Rescue Premature Aging in Cockayne Syndrome; *Cell Metabolism*; 2014 Nov.
- 19 Mercken EM, Mitchell SJ, Martin-Montalvo A, Minor RK, Almeida M, Gomes AP, **Scheibye-Knudsen M**, Palacios HH, Licata JJ, Zhang Y, Becker KG, Khraiweh H, González-Reyes JA, Villalba JM, Baur JA, Vlasuk GP, Ellis JL, Sinclair DA, Bernier M, de Cabo R; SIRT2104 Extends Survival of Mice on a Standard Diet and Preserves Bone and Muscle Mass; *Ageing Cell*; Oct 2014
- 18 Li X, Fang EF, **Scheibye-Knudsen M**, Cui H, Qiu L, Li J, He Y, Huang J, Bohr VA, Ng TB, Guo H; Di-(2-ethylhexyl) phthalate inhibits DNA replication leading to hyperPARylation, SIRT1 attenuation, and mitochondrial dysfunction in the testis; *Scientific Reports*; Sep 2014
- 17 **Scheibye-Knudsen M***, Fang EF*, Croteau DL, Bohr VA; Contribution of defective mitophagy to the neurodegeneration in DNA repair-deficient disorders; *Autophagy*; Aug 2014 [*co-first]

- 16 Fang EF*, **Scheibye-Knudsen M***, Brace L, Mitchell JR, Nilsen H, Croteau DL, Bohr VA; Defective Mitophagy in Xeroderma Pigmentosum Group A via Attenuation of the NAD+/SIRT1 Pathway; *Cell*; May 2014 [*co-first]
- 15 Akbari M, Keijzers G, Maynard S, **Scheibye-Knudsen M**, Desler C, Hickson ID, Bohr VA; Overexpression of DNA ligase III in mitochondria protects cells against oxidative stress and improves mitochondrial DNA base excision repair; *DNA repair*; Apr 2014
- 14 Cong W, Wang R, Cai H, Daimon CM, **Scheibye-Knudsen M**, Bohr VA, Turkin R, Wood WH III, Becker KG, Moaddel R, Maudsley S, Martin B; Long-term artificial sweetener Acesulfame Potassium treatment alters neurometabolic functions in C57BL/6J mice; *PLoS ONE*; Aug 2013
- 13 **Scheibye-Knudsen M**, Croteau DL, Bohr VA; Mitochondrial deficiency in Cockayne syndrome; *Mechanisms of Ageing and Development*; May 2013
- 12 **Scheibye-Knudsen M**, Scheibye-Alsing K, Canugovi C, Croteau DL, Bohr VA; A novel diagnostic tool reveals mitochondrial pathology in human diseases and aging; *Aging*; Mar 2013
- 11 Krzysik-Walker SM, Gonzalez-Mariscal I, **Scheibye-Knudsen M**, Indig FE, Bernier M; The Biarylpyrazole Compound AM251 Alters Mitochondrial Physiology Via Proteolytic Degradation of ERR α ; *Molecular Pharmacology*; Jan 2013
- 10 Martin-Montalvo A, Mercken EM, Mitchell SJ, Palacios HH, Mote PL, **Scheibye-Knudsen M**, Gomes AP, Ward TM, Minor RK, Blouin M, Schwab M, Pollak M, Zhang Y, Becker KG, Bohr VA, Ingram DK, Sinclair DA, Wolf NS, Spindler SR, Bernier M, de Cabo R; Metformin improves healthspan and lifespan in mice; *Nature communications*; Jul 2013
- 9 Ramamoorthy M, Sykora P, **Scheibye-Knudsen M**, Dunn C, Kasmer C, Zhang Y, Becker KG, Croteau DL, Bohr VA; Sporadic Alzheimer's disease fibroblasts display an oxidative stress phenotype; *Free Radical Biology and Medicine*; Sep 2012
- 8 Fang EF, **Scheibye-Knudsen M**, Bohr VA, Ng TB; The anti-aging efficacy of natural compounds; *Medicinal & Aromatic Plants*; 2012, 1:6
- 7 **Scheibye-Knudsen M**, Ramamoorthy M, Sykora P, Maynard S, Lin PC, Minor RK, Wilson III DM, Cooper M, Spencer R, de Cabo R, Croteau DL, Bohr VA; Cockayne syndrome group B protein prevents the accumulation of damaged mitochondria by promoting mitochondrial autophagy; *The Journal of Experimental Medicine*; Apr 2012
- 6 Bernier M, Paul RK, Martin-Montalvo A, **Scheibye-Knudsen M**, Song S, He HJ, Armour SM, Hubbard BP, Bohr VA, Wang L, Zong Y, Sinclair DA, de Cabo R; Negative Regulation of STAT3 Protein-mediated Cellular Respiration by SIRT1 Protein; *The Journal of Biological Chemistry*; Jun 2011
- 5 Minor RK, Baur JA, Gomes AP, Ward TM, Csiszar A, Mercken EM, Abdelmohsen K, Shin Y, Canto C, **Scheibye-Knudsen M**, Krawczyk M, Irusta PM, Martín-Montalvo A, Hubbard BP, Zhang Y, Lehmann E, White AA, Price NL, Swindell WR, Pearson KJ, Becker KG, Bohr VA, Gorospe M, Egan JM, Talan MI, Auwerx J, Westphal CH, Ellis JL, Ungvari Z, Vlasuk GP, Elliott PJ, Sinclair DA, de Cabo R; SRT1720 improves survival and healthspan of obese mice; *Scientific Reports*; Aug 2011
- 4 Maynard S, de Souza-Pinto NC, **Scheibye-Knudsen M**, Bohr VA; Mitochondrial base excision repair assays; *Methods*; Aug 2010
- 3 Aamann MD, Sorensen MM, Hvitby C, Berquist BR, Muftuoglu M, Tian J, de Souza-Pinto NC, **Scheibye-Knudsen M**, Wilson DM 3rd, Stevnsner T, Bohr VA; Cockayne syndrome group B protein promotes mitochondrial DNA stability by supporting the DNA Repair association with the mitochondrial membrane; *The FASEB Journal*; Jul 2010
- 2 Jørgensen W, Gam C, Andersen JL, Schjerling P, **Scheibye-Knudsen M**, Mortensen OH, Grunnet N, Nielsen MO, Quistorff B; Changed mitochondrial function by pre- and/or postpartum diet alterations in sheep; *The American Journal of Physiology - Endocrinology and Metabolism*; Dec 2009
- 1 **Scheibye-Knudsen M**[#], Quistorff B; Regulation of mitochondrial respiration by inorganic phosphate; comparing permeabilized muscle fibers and isolated mitochondria prepared from type-1 and type-2 rat skeletal muscle; *European Journal of Applied Physiology*; Jan 2009 [[#]Corresponding Author]

Book chapters, commentaries and editorials

- 4 Keijzers G, Bakula D, **Scheibye-Knudsen M**; *The New England Journal of Medicine*; Feb 2018 [Commentary on "Monogenic Diseases of DNA Repair"]
- 3 Fang EF, Wollman B, Kassahun H, Nilsen H, **Scheibye-Knudsen M**, Bohr VA; Nuclear DNA Repair Proteins in Mitochondrial Health and Aging; *HSOA Journal of Gerontology & Geriatric Medicine*; 2015 1:001
- 2 **Scheibye-Knudsen M**; Nourishing the Aging Brain; *The Scientist*; 2015 <http://www.the-scientist.com/?articles.view/articleNo/42273/title/Nourishing-the-Aging-Brain/>

Morten Scheibye-Knudsen

- 1 **Scheibye-Knudsen M**; Rapamycin – Current and future uses; *Chapter 16 in Antitumor Potential and Other Emerging Medicinal Properties of Natural Compounds*, Springer 2013