

Bevillinger fra FNU 2. halvår 2006 (12. juni 2006 - 31. december 2006)

Bevillingsmodtager	Institution	Projekttitel	Bevilget beløb
Kongresser			
Balslev, Henrik	Aarhus Universitet	Biodiversity Informatics Conferences 2007-2011	120.000
Bjørnholm, Thomas	Københavns Universitet	International Symposium on Biomolecular Nanoscale Assemblies	120.000
Bizzarro, Martin	Københavns Universitet	Copenhagen 2007 - An international workshop on solar system processes and chronology: recent advances and future directions	60.000
Mortensen, Kell	Forskningscenter Risø	4th European Conference on Neutron Scattering - ECNS-2007	60.000
Wahlberg, Magnus	Fjord & Bælt	International conference on The Effects of Noise on Aquatic Life, Nyborg 13-17	50.000
Forskningsophold i udlandet			
Sandholt, Inge	Københavns Universitet	New approaches to the study of land surface processes based on multi-sensor remote sensing data	278.400
Larsen, Kim Skak	Syddansk Universitet	Udvikling af kvalitetsmål for on-line algoritmer	110.370
Eilers, Søren	Københavns Universitet	C*-algebraers struktur og klassifikation	30.600
Skou-stipendier			
Egholm David Lundbek	Aarhus Universitet	Cross-disciplinary geo-modelling	240.000
Birkedal, Henrik	Aarhus Universitet	Biological Materials: Structure, Design and Properties	2.124.090
Sosnovtseva, Olga V.	Danmarks Tekniske Universitet	Mechanism-Based Modeling of Cellular Interactions: From Physics to Systems Biology	2.176.955
Lisby, Michael	Københavns Universitet	Molecular and genetic dissection of DNA repair centers in the yeast <i>Saccharomyces cerevisiae</i>	1.988.800

Regenberg, Birgitte	Københavns Universitet	Induction of invasive growth in <i>Saccharomyces cerevisiae</i> by amino acid transporters - description of their role as receptors, their regulation and impact of this regulation on the transcriptome	2.923.891
Fournais, Søren	Aarhus Universitet	Superconductivity in the Ginzburg-Landau model. A mathematical analysis of Type II superconductors.	2.385.148
Hobolth, Asger	Aarhus Universitet	Udvikling af avancerede statistiske metoder til analyse af hele genomer	2.284.702
Hornekær, Liv	Aarhus Universitet	Eksperimentelle studier af astrofysisk relevante overfladereaktioner	1.972.693
Steno-stipendier			
Møller-Jensen, Jakob	MRC Laboratory of Molecular Biology, UK	Proteomic analysis of <i>Escherichia coli</i> pathogenesis	240.000
Teilum, Kaare	Københavns Universitet	Unfolding, aggregation and fibrillation of proteins.	2.705.664
Gribsholt, Britta	Københavns Universitet	Patterns in fauna behavior and activity: The impact on N and C cycling and microbial community structure in marine sediments	23.842
Jensen, Lasse	Københavns Universitet	Molecular Plasmonics from First-Principles	2.539.980
Tange, Thomas Østergaard	Aarhus Universitet	The Exon Junction Complex and spliced mRNA metabolism	1.663.800
Worsaae, Katrine	Københavns Universitet	Neoteni's betydning i evolutionen	2.795.508
Balsby, Thorsten J.S.	Københavns Universitet	Dynamisk flokkommunikation hos papegøjer	2.256.360
Nygaard, Nicolai	Aarhus Universitet	Kontrol med ultrakolde atomer med Feshbach spredningsresonanser og optiske-gitre	2.064.784
Khan, Amir	Københavns Universitet	Planeterens kemiske sammensætning, termiske tilstand, tilblivelse og udvikling	2.208.000
Nielsen, Jesper Buus	Aarhus Universitet	Modeller og teknikker for sikre flerpartsregninger	2.017.600
Udl. post doc. til DK			

Jensen, Hans Jørgen Aagaard	Syddansk Universitet	Modelling molecular properties with a hybrid MCSCF-DFT model.	569.472
Larsen, Lars Ellgaard	Københavns Universitet	Characterization of ERFMO/ERp90, a novel redox regulator complex in the endoplasmic reticulum	592.800
Nielsen, Steen Brøndsted	Aarhus Universitet	Radiation Damage in Isolated Biomolecular Systems	578.400
Post doc.-stipendier			
Møgelberg, Rasmus Ejlers	The University of Edinburgh, UK	Modeller for parametrisk polymorfi og effekter.	428.250
Hebelstrup, Kim Henrik	University of Manitoba, Canada	Characterization of a putative ABA receptor from Arabidopsis thaliana.	976.225
Wesenberg, Janus Halleløv	National Institute of Standards and Technology, USA	Optimized robust gate operations for ion-trap quantum computing.	373.102
Nielsen, Hanne Dalsgaard	Napier University, UK	Menneskeskabte miljøændringers effekt på den fysiologiske tilstand hos tidlige udviklingsstadier af marine brunalger.	897.044
Pedersen, Hanne Dahl	Stanford University, USA	Fe ²⁺ catalyzed transformation of iron oxides.	386.730
Møller, Lene Friis	Göteborg University, Sverige	Bioenergetics in gelatinous zooplankton - evaluation of their role in the carbon flux in the Gullmar Fjord, Sweden.	1.133.709
Brusch, Anders	National Institute of Standards and Technology (NIST), USA	Projekt i i ultrapræcise atomure baseret på kviksølv-ioner.	408.456
Pittelkow, Michael	Cambridge University, UK	Dynamic combinatorial chemistry with thiosemicarbazones	1.616.553
Wernberg-Møller, Thomas	Edith Cowan University, Australien	Vegetative regeneration of fuclean algae as a mechanism for canopy recovery following physical disturbances, and its sensitivity to nutrient enrichment	260.369
Svendsen, Annette	Ecole Polytechnique Fédérale de Lausanne Institut des sciences et ingénierie chimiques, Schweiz	Photodissociation spectroscopy of cold biomolecular ions in the gas phase	886.169

Bollback, Jonathan P.	Københavns Universitet	An Experimental Evolutionary Analysis of Viral Adaptation to Escape Host Viral Silencing	1.370.150
Thostrup, Peter	McGill University	Assembly of Artificial Organelles	330.598
Rosenørn, Thomas	Harvard University, USA	Phase change of mixed organic and inorganic particles	496.635
Rasmussen, Henrik Barner	Københavns Universitet	Long or short term optimization of behavioral tactics and the impact of environmental variation on tactic specific success in male African elephants	629.774
Nielsen, Iben Bloch	Centre Laser Université Paris Sud, Frankrig	Photochemistry of amino acids and small peptides in gas phase.	729.422
Hansen, Martin Asser	University of Queensland, Australien	Discovery and Functional Analysis of Novel Non-coding RNAs	42.852
Ebersbach, Gitte	Yale University, USA	Identifikation af signalmekanismer involveret i etablering af cellepolaritet i <i>Caulobacter crescentus</i>	1.136.112
Logistik			
Holmer, Marianne	Syddansk Universitet	Etablering af landbase for Galathea-projektet Tropiske Havgræsser	167.171
Tegner, Christian	Aarhus Universitet	North Greenland Large Igneous Province: Chronology and Petrology of Kap Washington Volcanics and Peary Land Giant Dyke Complex (Addendum)	696.000
Forsberg, Rene	Dansk Rumcenter	Deltagelse i Galathea-3 med projekt Tyngdemålinger og måling af havniveau	150.000
Kjær, Kurt Henrik	Københavns Universitet	APEX (Arctic Palaeoclimate and its EXtremes)	500.000
Seidenkrantz, Marit-Solveig	Aarhus Universitet	Late Holocene climate variability in the southwestern Labrador Sea	999.000
Madsen, Peter Teglberg	Aarhus Universitet	Biosonar strategies in the deep ocean	630.000
Stort apparatur			
Hangst, Jeffrey S.	Aarhus Universitet	Antihydrogen Trapping	2.000.000
Rammevevillinger			
Fogedby, Hans C.	Aarhus Universitet	Emner i statistisk fysik og biologisk fysik	360.000

Jesper Bartholdy	Københavns Universitet	Morphodynamics of an open tidal basin in the Danish Wadden Sea	853.200
Michelsen, Anders	Københavns Universitet	Environmental controls on plants, microbes and biogeochemical processes in the Arctic	792.000
Mandrup, Susanne	Syddansk Universitet	Functional investigations of the mammalian acyl-CoA binding protein (ACBP) by conventional and conditional targeting of the gene in mice	1.485.712
Knudsen, Birgitta Ruth	Aarhus Universitet	Human Topoisomerase I og Genomisk Stabilitet	960.000
Riisgaard, Hans Ulrik	Syddansk Universitet	Particle capture and biomechanics of filter-feeding marine invertebrates	180.000
Rubahn, Horst-Günther	Syddansk Universitet	Morphology-dependent photon excitation and emission in organic nanoaggregates	1.105.420
Jensen, Karsten Høgh	Københavns Universitet	Hydrogeofysik	936.000
Kühl, Michael	Københavns Universitet	Overflade-associerede mikrobielle samfunds fotobiologi	972.000
Hansen, Per Juel	Københavns Universitet	Mixotrophic microbial consortia in marine waters	1.149.564
Madsen, Morten Bo	Københavns Universitet	Forberedelse af nye danske eksperimenter til forståelse af Marsoverfladens geologiske og klimatiske udvikling	252.000
Jensen, Knud Jørgen	KVL	Putting Ångströms on Nanoparticles: Chemoselective spacer modulators and functionalized peptides for nanoparticles	540.000
Jørgensen, Thomas J. D.	Syddansk Universitet	Elucidating the dynamical structure of proteins and their complexes using amide hydrogen (1H/2H) exchange monitored by mass spectrometry.	442.800
Færgeman, Nils Joakim	Syddansk Universitet	Regulatory roles of acyl-CoA binding protein in phospholipid metabolism, unfolded protein pathway and the secretory pathway	1.015.440

Holmberg, Steen	Københavns Universitet	Role of chromatin in mRNA processing and DNA repair	1.075.200
Willumsen, Berthe Marie	Københavns Universitet	Analyse af Ras-inducerede geners betydning for Rastransformerede cellers vækstegenskaber	467.712
Revsbech, Niels Peter	Aarhus Universitet	Omsætning af kvælstof og metan i mikromiljøer	384.000
Westh, Peter	Roskilde Universitetscenter	Preferential interactions at biomolecular interfaces: from osmolyte to excipient	475.200
Shaffer, Gary	Københavns Universitet	Circulation and oceanic teleconnections in the eastern South Pacific Ocean	471.000
Madsen, Jes	Aarhus Universitet	Quark-stof i kosmisk stråling og neutronstjerner	468.000
Bagatolli, Luis Alberto	Syddansk Universitet	Fluorescence lifetime imaging microscopy (FLIM) and second harmonic imaging microscopy (SHIM) applications to skin tissue	804.000
Andreasen, Peter	Aarhus Universitet	Serine protease catalytic, inhibitory, and regulatory mechanisms	900.000
Clausen, Jens Viggo Dalsgaard	Københavns Universitet	Stjerner: Hovedaktører i universets udvikling	700.000
Finnie, Christine	Danmarks Tekniske Universitet	Proteomics of dynamics and diversity in plant plasma membranes	655.200
Kjær, Kurt Henrik	Københavns Universitet	APEX (Arctic Palaeoclimate and its EXtremes)	360.000
Pedersen, Stine Helene Falsig	Københavns Universitet	Structure-function studies of the plasma membrane Na ⁺ /H ⁺ exchanger, NHE1: analyses of mutant and chimeric NHE1 by EPR spectroscopy, cryo EM, and 2D crystallization	407.400
Madsen, Steffen Søndergaard	Syddansk Universitet	Molecular, cellular and organismic responses to environmental stressors in euryhaline teleosts	1.099.968
Grasser, Klaus D.	Aalborg Universitet	The role of transcript elongation factors in the regulation of gene expression and plant development	651.200

Duus, Jens Øllgaard	Carlsberg Laboratorium	Support of running cost for the 800 MHz NMR instrument at the Danish Instrument Center for NMR spectroscopy of Biological Macromolecules" at the Carlsberg Laboratory."	750.000
Schwartzbach, Michael I.	Aarhus Universitet	Formal Models for Computing Systems	840.000
Funch, Peter	Aarhus Universitet	Dolkhalernes fylogeni, geografiske variation og fysiologi	367.000
Diekhöner, Lars	Aalborg Universitet	Magnetic coupling on the nano scale	792.000
Møller, Peter Rask	Københavns Universitet	Dybvandsfisk ved Antarktis - polare fisks evolution - et Galathea 3 projekt	454.616
Oxvig, Claus	Aarhus Universitet	Proteinbiokemisk analyse via fluorescensteknologi	480.000
Surlykke, Annemarie	Syddansk Universitet	Echolocation, active hearing and evolution of predator-prey interaction	792.000
Bentin, Thomas	Københavns Universitet	Translation fidelity in protein misfolding disease	276.000
Nielsen, Søren Laurentius	Roskilde Universitetscenter	Anthocyaniners fysiologiske roller i planter blade	853.800
Gunnlaugsson, Haraldur Páll	Aarhus Universitet	Vindmålinger med Telltale eksperimentet på NASA's Mars Phoenix lander 2007, og videreudvikling af Telltale eksperimentet til fremtidige missioner	446.400
Knudsen, Karen Luise	Aarhus Universitet	Klimavariationer i det nordlige Nordatlantiske område fra øst til vest: Skagerrak-Island-Grønland (SKAGIS)	450.000
Nielsen, Mogens Gissel	Aarhus Universitet	Fysiologiske tilpasninger til eksterne O ₂ og CO ₂ forhold i rederne hos de to mangrovelevende myrer Camponotus anderseni og Polyrhachis sokolova	384.954
Jacobsen, Carsten Suhr	GEUS	Molecular ecology of aerobic psychrophilic microbial communities in contrasting Greenland environments	371.615
Keiding, Søren Rud	Aarhus Universitet	Chemical Model Systems in Biology (CMSIB)	1.148.400

Sutherland, Duncan S.	Aarhus Universitet	Quantification of protein and cell interaction at surfaces by integrated nanoplasmonic biosensors	360.000
Gallagher, John P.	Roskilde Universitetscenter	SAFT: Static Analysis with Finite Tree Automata	510.000
Finster, Kai Waldemar	Aarhus Universitet	Persistence of microorganisms and bio-molecules to UV radiation, ozone and freeze-thaw cycles - the detrimental factors on the surface of Mars	300.000
Frey, Hannes	Syddansk Universitet	Robust Localized Sensor Network Algorithms	300.000
Lund-Hansen, Lars Chresten	Aarhus Universitet	Hydrodynamik og biologisk struktur i tropiske wet and dry" estuarier"	546.105
Christensen, Henrik	KVL	Coevolution between vertebrates and their obligate parasites of the bacterial family Pasteurellaceae	1.062.000
Større rammebevillinger			
Kielland-Brandt, Morten C.	Carlsberg Forskningscenter	Sugar sensing by transporter-like sensors	1.401.127
Olsen, Lars Folke	Syddansk Universitet	Metabolic Systems biology	2.461.776
Ussery, David Wayne	Danmarks Tekniske Universitet	Comparative Genomics of Campylobacter jejuni	2.969.640
Bjørnholm, Thomas	Københavns Universitet	Charge transport through single molecules	1.628.400
Jensen, Eva Bjørn Vedel	Aarhus Universitet	Advanced stochastic modelling and inference	2.988.240
Nielsen, Brian Bech	Aarhus Universitet	Optical properties of semiconductor nanocrystals	2.988.000
Molin, Søren	Danmarks Tekniske Universitet	Host-parasite relationships and evolution of microbial persistent infections	2.980.800
Rasmussen, Jens Juul	Forskningscenter Risø	Predictive first principle modelling of plasma edge turbulence and transport	2.455.200
Jensen, Ole Nørregaard	Syddansk Universitet	Computational data analysis and bioinformatics in functional phosphoproteomics	2.999.660

Wiuf, Carsten Henrik	Aarhus Universitet	Mathematical and statistical methods for analysis of protein interaction networks	2.396.974
Pedersen, Jan Skov	Aarhus Universitet	Self-Assembly Processes in Complex Systems	2.845.800
Brodersen, Ditlev Egeskov	Aarhus Universitet	Strukturelle studier af samspillet mellem transkription og mRNAeksport i eukaryoter	2.065.800
Scheller, Henrik Vibe	KVL	Towards and understanding of the regulation of plant cell wall biosynthesis	1.761.156
Andersen, Gregers Rom	Aarhus Universitet	Strukturelle studier af store proteiner og makromolekylære komplekser fra protein biosyntesen og det mammale immunforsvar	2.605.301
Andersen, Lars Henrik	Aarhus Universitet	Molekylers indre struktur og dynamik studeret med acceleratorog laserbaserede metoder	2.949.600
Christensen, Niels Egede	Aarhus Universitet	Optiske Egenskaber og Magnetiske Halvledere	2.533.036
Kristjansen, Charlotte Fløe	Københavns Universitet	Spinkæder som bindeled mellem strengteori og gaugeteori	2.760.000
Elberling, Bo	Københavns Universitet	Oxygen availability controlling the dynamics of buried organic carbon pools and greenhouse gas emissions	2.963.000
Seberg, Ole	Københavns Universitet	Molecular Systematics - Limits and Challenges	3.000.000
Thybo, Hans	Københavns Universitet	Dynamic Topography (TopoScandes.dk). Uplift, subsidence and inner Earth structures in the North Atlantic region	3.000.000
Møller, Jesper	Aalborg Universitet	Point process modelling and statistical inference	2.994.000
Kjems, Jørgen	Aarhus Universitet	Development of a systems biology platform for discovery of novel non-coding RNA in vertebrate genomes	2.652.000

Piotrowski, Jan A.	Aarhus Universitet	Subglacial processes under the southern Scandinavian Ice Sheet in the Quaternary: sediment transfer, geomorphic impact and glacier dynamics	2.834.640
Hammer, Bjørk	Aarhus Universitet	Katalyse ved grænseflader mellem tre faser	2.902.318
Iversen, Bo Brummerstedt	Aarhus Universitet	Application of experimental charge densities in materials	2.340.000
Bjerregaard, Poul	Syddansk Universitet	Interactions between hormonal disturbances and sexual characteristics in fish	2.995.200
Hannestad, Steen	Aarhus Universitet	Neutrino physics at the interface between cosmology and experiment	2.409.881
Balslev, Henrik	Aarhus Universitet	Modelling Neotropical palm diversity - based on taxonomic, phylogenetic, ecological and structural evidence	2.986.800
Thomassen, Carsten	Danmarks Tekniske Universitet	Forskningsaktivitet i Diskret Matematik	2.964.000
Formidling			
Michelsen, Poul Kerff	Forskningscenter Risø	Etablering af et dansk Fusion & Plasma Road Show	277.475
Mouritsen, Ole G.	Syddansk Universitet	Formidling: Den Magiske Kugle	91.553
Hvidberg, Christine Schøtt	Københavns Universitet	Kopernikursus – en sommerskole i fysik	180.000
Jensen, Erik Østergaard	Aarhus Universitet	UNF BioTech Camp 2007	100.000
Bach, Inga Christensen	Danmarks Jordbrugsforskning	Planteforskning	298.548
Rumforskningsområdet			
Naselsky, Pavel	Københavns Universitet	Pipeline Development and Data Analysis for the Planck mission	1.850.000
Christensen-Dalsgaard, Jørgen	Aarhus Universitet	Kepler Asteroseismic Key Programme Derudover er der fra rådets ordinære midler tildelt:	1.850.000 1.150.000