

| Nr | Efternamn           | Förnamn      | Ort       | Projekttitel  |
|----|---------------------|--------------|-----------|---|
|    | Abugessaisa         | Imad         | Stockholm | Predicting comorbidity patterns: An integrative utilization and network analysis of clinical registers and genomics data                                  |
|    | Agarwal             | Vaibhav      | Malmö     | Identification and Characterization of Novel Inhibitors of Innate Immune system namely Complement System from Bacterial Pathogen Streptococcus pneumoniae |
|    | Ahlenius            | Henrik       | Lund      | Towards an understanding of aging and neurodegeneration using novel stem cell, reprogramming and genome editing technologies                              |
|    | Alenius             | Mattias      |           | Cilia based neurotrophic Hh signaling in Drosophila   |
|    | ALTUN               | Mikael       | Stockholm | Targeting the deubiquitylating enzymes in the Nervous system for new insights and novel therapies   |
|    | Andersson           | Olov         | Stockholm | Regeneration and homeostatic control of beta cell mass  |
|    | Andersson-Assarsson | Johanna      | Göteborg  | Genetic susceptibility to obesity-related cardiovascular disease: Evaluation of the effect of the chromosome 16p11.2 microdeletion                        |
|    | Barnabé-Heider      | Fanie        | Stockholm | Origin and cancer potential of spinal cord stem cells   |
|    | Benedict            | Christian    | Uppsala   | Effekten av sömnbrist på molekyllär och psykologisk hälsa hos människor   |
|    | Björklund           | Tomas        | Lund      | Utveckling av nya genvektorer, konstruerade för att styra nervcellsaktivitet i hjärnan.   |
|    | Brenndörfer         | Erwin Daniel | Stockholm | Analysis of T cell responses and immune escape in chronic hepatitis C patients  |
|    | Carmine Belin       | Andrea       | Stockholm | Identification, Modeling and Characterization of Genetic Factors in Horton's headache   |
|    | Castelo-Branco      | Gonçalo      | Stockholm | Non-coding RNAs and regulation of oligodendrocyte precursor state in development and disease  |
|    | Chagin              | Andrei       | Stockholm | Autophagy as a novel mechanism for regulating cell size and body growth   |
|    | Chugunova           | Elena        | Uppsala   | The role of mast cells in brain neoplasia   |
|    | Deierborg           | Tomas        | Lund      | Brain inflammation following stroke and cardiac arrest - Restraining neuroinflammation and subsequent psychiatric disorders                               |
|    | Dunér               | Pontus       | Malmö     | The role of inflammatory osteopontin fragments in atherosclerosis   |
|    | Ek                  | Joakim       | Göteborg  | Skydd mot läkemedel i foster och nyfödda  |
|    | Falck Miniotis      | Maria        | Malmö     | Improved treatment of malignant melanoma through non-invasive monitoring of therapeutic action  |
|    | Falk                | Anna         | Stockholm | The role of neural stem cells in psychiatric disorders  |
|    | Guy                 | Jodie        | Stockholm | Structural and Functional Studies of Protein Processing Complexes in the Endoplasmic Reticulum  |
|    | Göritz              | Christian    | Stockholm | Pericyte-derived scar formation in multiple sclerosis   |
|    | Hansén Nord         | Karolin      | Lund      | Genetiska förändringar i sarkom: betydelse för tumörutveckling och diagnostik   |

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| Hansson     | Oskar         | Malmö                | Development of new biomarkers and brain imaging techniques for Dementia and Parkinsonian disorders: key tools for exploring etiology to improve diagnosis and advance drug development |
| Hultström   | Michael       | Uppsala              | Genetiska orsaker till ökad benägenhet att utveckla akut hjärt- och njursvikt  |
| Islander    | Ulrika        | Göteborg             | Östrogen-medierad reglering av IL-17 producerande T celler vid artrit  |
| Ivarsson    | Ylva          | Uppsala              | Identification of phospho-Ser/Thr switches in cell signalling through proteomic peptide phage display  |
| Jeansson    | Marie         | Uppsala              | Angiopoietin/Tek systemets roll vid fibrosutveckling   |
| Jin         | Zhe           | Uppsala              | Modulation of GABAergic neurotransmission by insulin and inflammatory cytokines in the amygdala and its implications in mental illness   |
| Johansson   | Maria         | Göteborg             | Autonomic Nervous System and its Role in modulating Inflammation in Atherosclerosis and Ischemia-Reperfusion Injury  |
| Kalamajski  | Sebastian     | Lund                 | Essential mechanisms behind the shape of our skeletons   |
| Karlström   | Helena        | Stockholm            | Notch 3 aggregation and CADASIL - from molecule to therapeutic target  |
| Katona      | Gergely       | Göteborg             | Complexes of pro-survival proteins linked to human diseases: investigations of structure, dynamics and interactions  |
| Kazi        | Julhash Uddin | Lund                 | The mechanisms of chemotherapy resistance in oncogenic FLT3-mediated acute myeloid leukemia  |
| Ketelhuth   | Daniel        | Stockholm            | Targeting the kynurenine pathway of tryptophan degradation: New mechanisms and translational approaches against atherosclerosis  |
| Kettunen    | Petronella    | Göteborg             | Mikroglia roll i Alzheimers sjukdom  |
| Kulyté      | Agné          | Stockholm            | Betydelse av mikroRNAs för dysfunktion i human fettvävnad och länk till insulinresistens   |
| Lagerström  | Malin         | Uppsala              | Deciphering sensory circuits - Identification of the neuronal populations that transmit and regulate pain and itch   |
| Lahl        | Katharina     | Los Altos Hills, USA | Intestinal Dendritic Cell Subsets in the Initiation of Humoral Immunity  |
| Lallemend   | Francois      | Sweden               | molekylära koder för sensomotorisk kretsar   |
| Lanner      | Fredrik       | Stockholm            | Mammalian preimplantation development and pluripotency<br>Man is not a mouse   |
| Larsson     | Erik          | Göteborg             | Genetic alteration of non-coding RNAs in tumor development   |
| Leandersson | Karin         | Malmö                | Immune reactions in metastatic breast cancer disease   |
| Lind        | Sara          | Uppsala              | Posttranslational modifications as biomarkers for cancer   |
| Lindén      | Sara          | Göteborg             | Enhancing and Understanding the Mucin Glycan Defense against Helicobacter pylori and Non-H. pylori gastric Helicobacters   |
| Mackenzie   | Åsa           | Uppsala              | Optogenetisk analys av målinriktat beteende: Relevans för Parkinsons sjukdom och beroende  |
| Magnusson   | Peetra        | Uppsala              | Strategies in protection of the vasculature  |
| Mahlapuu    | Margit        | Göteborg             | Molecular mechanisms of insulin resistance   |
| Marklund    | Ulrika        | Stockholm            | Enteric neuron specification in the developing bowel   |

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|------------------------|--------------|-----------|---|
| Medini                 | Paolo        | Umeå      | Mechanisms of neuronal circuit modifications after a brain cortical lesion promoting recovery of physiological function     |
| Nestor                 | Colm Eamonn  | Linköping | Unravelling the epigenetics of complex immune disease   |
| Nilsson                | Caroline     | Stockholm | Behandling av svår jordnötsallergi med Xolair omalizumab och efterföljande oral immunterapi                                 |
| Nordenström            | Jörgen       |           | Tryckbidrag   |
| Nylén Spoomaker        | Susanne      | STOCKHOLM | Impact of intestinal parasites on secondary lymphoid organs: implications on outcome of vaccination                         |
| Nyqvist                | Daniel       | Stockholm | Wnt/beta-catenin regulation of vessel growth in health and disease  |
| Olofsson               | Louise       | Göteborg  | Central regulation of adipose tissue lipid metabolism   |
| Pathak                 | Sushil Kumar | Stockholm | Helicobacter pylori infection: the role of complement regulators and novel virulence factors                                |
| Paulsson               | Kajsa        | Lund      | Genetic mechanisms in the generation of aneuploid anaplastic thyroid cancer   |
| Petzold                | Katja        | Stockholm | Hur RNA rör sig   |
| Presto                 | Jenny        | Stockholm | Exploring the anti-amyloid activity of the novel chaperone BRICHOS as a potential treatment strategy in Alzheimer's disease |
| Rothfuchs              | Antonio      | Stockholm | Regulation of skin dendritic-cell migration during the onset of T-cell priming to BCG                                       |
| Roybon                 | Laurent      | Lund      | Assessing Indirect Toxicity of Alpha-Synuclein to Dopamine Neurons in Parkinson's Disease Using Patient Cell-based Models   |
| Sabater-Lleal          | Maria        | Stockholm | Discovery of New Genetic Determinants of Clinical Arterial and venous Thrombosis  |
| Sandegren              | Linus        | Uppsala   | Understanding plasmid borne antibiotic resistance.  |
| Shannon                | Oonagh       | Lund      | Immunomodulatory effects of platelets during bacterial infection  |
| Skrtic                 | Sofia        | Göteborg  | WNT16 AND BONE METABOLISM   |
| Stenberg               | Per          | Umeå      | Targeting of chromatin factors  |
| Svensson-Frej          | Marcus       | Lund      | Eosinophils - Friend and foe?   |
| Urban                  | Constantin   | Umeå      | New strategies to target fungal pathogens   |
| Vakifahmetoglu-Norberg | Helin        | Stockholm | Spatins as a Novel tools for selective killing of Quiescent Cancer cells.   |
| Walfridsson            | Julian       | Huddinge  | Identifiering av nya terapeutiska mål mot akut myeloid leukemi  |
| Wernstedt Asterholm    | Ingrid       | Göteborg  | MESENTERIC ADIPOSE TISSUE IN THE REGULATION OF THE INTESTINAL BARRIER AND WHOLE-BODY METABOLISM                             |
| Westerberg             | Lisa         | Stockholm | WASPSTINGS: Revealing the Mechanism for Antibody-Mediated Immunodeficiency in Wiskott-Aldrich Syndrome                      |
| Önnerfjord             | Patrik       | Lund      | Targeted methods for the analysis of potential biomarkers in the development of joint disease                               |
| Collin                 | Mattias      |           | Miljonanslagsmottagare 2011   |
| Swartling              | Fredrik      |           | Miljonanslagsmottagare 2012   |
|                        |              |           |   |





