Exhibit 1: Selected recent VIB publications (2012-2013)

- Bhosale R et al - Predicting Gene Function from Uncontrolled Expression Variation among Individual Wild-Type Arabidopsis Plants - Plant Cell, 25, 2865-2877, 2013
- Brouwers N et al – Alzheimer risk associated with a copy number variation in the complement receptor 1 increasing C3b/C4b binding sites – Molecular Psychiatry, 17, 223-33, 2012
- Casazza A et al - Impeding Macrophage Entry into Hypoxic Tumor Areas by Sema3A/Nrp1 Signaling Blockade Inhibits Angiogenesis and Restores Antitumor Immunity - Cancer Cell, 24, 695-709, 2013
- De Bock K et al - Role of PFKFB3-Driven Glycolysis in Vessel Sprouting – Cell, 154, 651-663, 2013
- De Jonge N et al – Alternative interactions define gyrase specificity in the CcdB family – Molecular Microbiology, 84, 965-978, 2012
- De Keersmaecker K et al - Exome sequencing identifies mutation in CNOT3 and ribosomal genes RPL5 and RPL10 in T-cell acute lymphoblastic leukemia - Nat Genet, 45, 186-190, 2013
• De Rybel B et al – A role for the root cap in root branching revealed by the non-auxin probe naxillin – Nature Chemical Biology, 8, 798-805, 2012
• De Wit J et al - Unbiased Discovery of Glypican as a Receptor for LRRM4 in Regulating Excitatory Synapse Development – Neuron, 79, 696-711, 2013
• Eloy N et al – SAMBA, a plant-specific anaphase-promoting complex/cyclosome regulator is involved in early development and A-type cyclin stabilization – PNAS, 109, 13853-8, 2012
• Froyen G et al – Copy-number gains of HUWE1 due to replication- and recombination-based rearrangements – American Journal of Human Genetics, 91, 252-64, 2012
• Gembarska A et al – MDM4 is a key therapeutic target in cutaneous melanoma – Nature Medicine, 18, 1239-1247, 2012
• Grunewald W et al – Transcription factor WRKY23 assists auxin distribution patterns during Arabidopsis root development through local control on flavonol biosynthesis – PNAS, 109, 1554-9, 2012
• Guix F et al – Modification of gamma-secretase by nitrosative stress links neuronal ageing to sporadic Alzheimer's disease – EMBO Molecular Medicine, 4, 660-73, 2012
• Haddad D.M et al - Mutations in the intellectual disability gene ube2a cause neuronal dysfunction and impair parkin-dependent mitophagy - Mol Cell 50, 831-843, 2013
• Hildebrand F et al - Inflammation-associated enterotypes, host genotype, cage and inter-individual effects drive gut microbiota variation in common laboratory mice - Genome Biol, 14, R4, 2013
• Huysman MJ et al - AUREOCHROME1a-Mediated Induction of the Diatom-Specific Cyclin dsCYC2 Controls the Onset of Cell Division in Diatoms (Phaeodactylum tricornutum) - Plant Cell, 25, 215-228, 2013
• Icardi L et al – The Sin3a repressor complex is a master regulator of STAT transcriptional activity – PNAS, 109, 12058-63, 2012
• Irani N et al – Fluorescent castasterone reveals BR11 signaling from the plasma membrane – Nature Chemical Biology, 8, 583-9, 2012
• Irannejad R et al - Conformational biosensors reveal GPCR signalling from endosomes – Nature, 495, 534-538, 2013
• Jurisch N et al - Rer1p maintains ciliary length and signaling by regulating gamma-secretase activity and Foxj1a levels - J Cell Biol 200, 709-720, 2013
• Khuong Manh T et al - Synaptic PI(3,4,5)P3 Is Required for Syntaxin1A Clustering and Neurotransmitter Release - Neuron 77, 1097-1108, 2013
• Leite de Oliveira R et al – Gene-targeting of phd2 improves tumor response to chemotherapy and prevents side-toxicity – Cancer Cell, 22, 263-77, 2012
• Lemmens R et al - Comparison of the response to endovascular reperfusion in relation to site of arterial occlusion – Neurology, 81, 614-618, 2013
• Lucá R et al - The Fragile X Protein binds mRNAs involved in cancer progression and modulates metastasis formation - EMBO Mol Med 5, 1523-1536, 2013
• Marhavy P et al - Auxin reflux between the endodermis and pericycle promotes lateral root initiation - Embo J, 32, 149-158, 2013
• Martin MNV et al - PP2A regulatory subunit Balpha controls endothelial contractility and vessel lumen integrity via regulation of HDAC7 - Embo J, 32, 2491-2503, 2013
• Martins Pais T et al - Comparative polygenic analysis of maximal ethanol accumulation capacity and tolerance to high ethanol levels of cell proliferation in yeast - PLoS Genet, 9, e1003548, 2013
• Matta S et al – LRRK2 Controls an EndoA Phosphorylation Cycle in Synaptic Endocytosis – Neuron, 75, 1008-21, 2012
• Moonens K et al – Structural insight in histo-blood group binding by the F18 fimbrial adhesin FedF – Molecular Microbiology, 86, 82-95, 2012
• Moya I et al – Stalk cell phenotype depends on integration of notch and smad1/5 signaling cascades – Developmental Cell, 22, 501-14, 2012
• Nittner D et al – Synthetic lethality between Rb, p53 and Dicer or miR-17-92 in retinal progenitors suppresses retinoblastoma formation – Nature Cell Biology, 14, 958-65, 2012
• Papadopoulou A et al – The thymic epithelial microRNA network elevates the threshold for infection-associated thymic involution via miR-29a mediated suppression of the IFN-alpha receptor – Nature Immunology, 13, 181-7, 2012
• Peeters K et al - Molecular Defects in the Motor Adaptor BICD2 Cause Proximal Spinal Muscular Atrophy with Autosomal-Dominant Inheritance - Am J Hum Genet 92, 955-964, 2013
• Philips T et al - Oligodendrocyte dysfunction in the pathogenesis of amyotrophic lateral sclerosis - Brain 136, 471-482, 2013
• Pierson W et al - Antiapoptotic Mcl-1 is critical for the survival and niche-filling capacity of Foxp3(+) regulatory T cells - Nat Immunol 14, 959-965, 2013
• Plasman K et al - Conservation of the Extended Substrate Specificity Profiles Among Homologous Granzymes Across Species - Mol Cell Proteomics, 12, 2921-2934, 2013
• Porcu M et al – Mutation of the receptor tyrosine phosphatase PTPRC (CD45) in T-cell acute lymphoblastic leukemia – Blood, 119, 4476-9, 2012
• Reumers J et al – Optimized filtering reduces the error rate in detecting genomic variants by short-read sequencing – Nature Biotechnology, 30, 61-8, 2012
• Rubio-Texeira M et al – Peptides induce persistent signaling from endosomes by a nutrient transceptor – Nature Chemical Biology, 8, 400-8, 2012
• Sala Frigerio C - Reduced expression of hsa-miR-27a-3p in CSF of patients with Alzheimer disease – Neurology, 81, 2103-2106, 2013
• Salmon D et al – Adenylate cyclases of Trypanosoma brucei inhibit the innate immune response of the host – Science, 337, 463-6, 2012
• Schotsaert M et al - Natural and long-lasting cellular immune responses against influenza in the M2e-immune host - Mucosal Immunol, 6, 276-287, 2013
• Simicke M - The deubiquitylase USP33 discriminates between RALB functions in autophagy and innate immune response - Nat Cell Biol, 15, 1220-1230, 2013
• Sterck L et al – ORCAE: online resource for community annotation of eukaryotes – Nature Methods, 9, 1041, 2012
• Sterken R et al – Combined linkage and association mapping reveals CYCD5;1 as a quantitative trait gene for endoreduplication in Arabidopsis – PNAS, 109, 4678-83, 2012
• Sulis A et al - De Novo Loss-of-Function Mutations in CHD2 Cause a Fever-Sensitive Myoclonic Epileptic Encephalopathy Sharing Features with Dravet Syndrome - Am J Hum Genet, 93, 967-975, 2013
• Swinnen S et al – Identification of novel causative genes determining the complex trait of high ethanol tolerance in yeast using pooled-segregant whole-genome sequence analysis – Genome Research, 22, 975-84, 2012
• Tanco S et al - Proteome-derived Peptide Libraries to Study the Substrate Specificity Profiles of Carboxypeptidases - Mol Cell Proteomics, 12, 2096-2110, 2013
• Tesser I et al - Comment on ”ApoE-Directed Therapeutics Rapidly Clear beta-Amyloid and Reverse Deficits in AD Mouse Models” – Science, 340, 924, 2013
• The Tomato Genome Consortium et al - The tomato genome sequence provides insights into fleshy fruit evolution - Nature, 485, 635-41, 2012
• Tompa P et al – On the supertertiary structure of proteins – Nature Chemical Biology, 8, 597-600, 2012
• Tournu H et al - Relevance of trehalose in pathogenicity: some general rules, yet many exceptions - PLoS Pathog, 9, e1003447, 2013
• Trovò L et al - Low hippocampal P(4,5)P(2) contributes to reduced cognition in old mice as a result of loss of MARCKS - Nat Neurosci, 16, 449-455, 2013
• Van Bel M et al - TRAPID: an efficient online tool for the functional and comparative analysis of de novo RNA-Seq transcriptomes - Genome Biol, 14, R134, 2013
• Vandenberghe T et al - An inactivating caspase-11 passenger mutation muddles sepsis research - Am J Respir Crit Care Med, 188, 120-121, 2013
• Vanderauwera S et al – AtWRKY15 perturbation abolishes the mitochondrial stress response that steers osmotic stress tolerance in Arabidopsis – PNAS, 109, 20113-8, 2012
• Vandeveer S et al – Glucocorticoid receptor dimerization induces MKP1 to protect against TNF-induced inflammation – Journal of Clinical Investigation, 122, 2130-40, 2012
• Van Hauwermeiren F et al - Safe TNF-based antitumor therapy following p55TNFR reduction in intestinal epithelium - J Clin Invest, 123, 2590-2603, 2013
• Van Hengel J et al - Mutations in the area composita protein alphaT-catenin are associated with arrhythmogenic right ventricular cardiomyopathy - Eur Heart J, 34, 201-210, 2013
• Van Hoecke A et al – EPHA4 is a disease modifier of amyotrophic lateral sclerosis in animal models and in humans – Nature Medicine, 18, 1418-22, 2012
• Vanholme R et al – A systems biology view of responses to lignin biosynthesis perturbations in Arabidopsis – Plant Cell, 24, 3506-29, 2012
• Vanholme R et al - Caffeoyl shikimate esterase (CSE) is an enzyme in the lignin biosynthetic pathway in Arabidopsis - Science, 341, 1103-1106, 2013
• Van Laer K et al – Mycoredoxin-1 is one of the missing links in the oxidative stress defense mechanism of Mycobacteria – Mol Microbiol, 86, 787-804, 2012
• Virdi V et al - Orally fed seeds producing designer IgAs protect weaned piglets against enterotoxigenic Escherichia coli infection - Proc Natl Acad Sci U S A, 110, 11809-11814, 2013
• Voordekers K et al – Reconstruction of Ancestral Metabolic Enzymes Reveals Molecular Mechanisms Underlying Evolutionary Innovation through Gene Duplication – PLOS Biology, 10, e1001446, 2012
• Voordekers K et al – Identification of a complex genetic network underlying Saccharomyces cerevisiae colony morphology – Molecular Microbiology, 86, 225-39, 2012
• Vos M et al – Vitamin K2 is a mitochondrial electron carrier that rescues pink1 deficiency – Science, 336, 1306-10, 2012
• Wauters E et al - Influence of 23 coronary artery disease variants on recurrent myocardial infarction or cardiac death: the GRACE Genetics Study - Eur Heart J 34, 993-1001, 2013
• Willart M et al – Interleukin-1alpha controls allergic sensitization to inhaled house dust mite via the epithelial release of GM-CSF and IL-33 – Journal of Experimental Medicine, 209, 1505-17, 2012
• Zimon M et al – Loss-of-function mutations in HINT 1 cause axonal neuropathy with neuromyotonia – Nature Genetics, 44, 1080-3, 2012