

Selected Grants

Alexander Gammerman

- Engineering and Physical Sciences Research Council (EPSRC), grant GR/L35812, PI. “Support Vector and Bayesian Learning Algorithms: Analysis and Applications” (with V. Vovk and V. Vapnik), £142,360* 1997–2000. .
- Engineering and Physical Sciences Research Council (EPSRC), grant GR/M16856, PI. “Comparison of the Support Vector Machine and Minimum Message Length methods for induction and prediction” (with V. Vovk and C. Wallace), £132,787* 1999–2002.
- Engineering and Physical Sciences Research Council (EPSRC), grant GR/R46670/01, PI. “Complexity Approximation Principle and Predictive Complexity: Analysis and Applications” (with Prof. V. Vovk), £142,996*, 2001–2004.
- Biotechnology and Biological Sciences Research Council (BBSRC), grant 111/BIO14428, PI. “Pattern Recognition Techniques for Gene and Promoter Identification and Classification in Plant Genomic Sequences” (with J. Hancock and V. Solovyev), £145,210*, 2002– 2005.
- European Union (EU), grant IST-1999-10226, PI. “EurEdit: The Development and Evaluation of New Methods for Editing and Imputation” (with European partners outside the UK), RHUL part: £86,809*, 2000–2003.
- Royal Society grant, PI, “Efficient randomness testing of random and pseudorandom number generators” (with B. Ryabko), £4,961, 2003–2005.
- Medical Research Council (MRC), grant G0301107 (S505/65), PI. “Proteomic Analysis of the Human Serum Proteome” (with I. Jacobs, M. Waterfield, R. Cramer, V. Vovk, S. Gayther, Z. Luo, U. Menon, J. Timms), RHUL part: £170,091*, 2005–2008.
- QinetiQ grant: “Automated Target Identification”. £47,000 2006–2007.
- CIPHERGEN (SELDI)/UCL grant: “Analysis of 7 biomarkers” £105,000, 2006–2007.

- Research Promotion Foundation of Cyprus. “ASPIDA project: Development of New Conformal Prediction Methods with Applications in Medical Diagnosis”, PI, (with H. Papadopoulos and V. Vovk), £30,770, 2007–2010.
- Engineering and Physical Sciences Research Council “Practical competitive prediction” (with V. Vovk and Y. Kalnishkan), co-PI, £406,000, 2007–2010.
- Department for Environment, Food and Rural Affairs (Defra), Veterinary Laboratories Agency, “Application of Pattern Recognition techniques to Bioinformatics.” PI, £82,000, 2007–2010.
- European Union EU FP7 programme: “Post-translational modification, O-PTM”, HEALTH-2007-2.4.1-2: Translating clinical ‘omics’-technology (genomics, proteomics, metabolomics) into innovative cancer biomarkers aiding in early diagnosis, prognosis and treatment selection of cancer patients. (with Dr Joy Burchell, Prof Joyce Taylor-Papadimitriou, KCL and 5 other institutions), PI, £193,046, 2008–2011.
- Medical Research Council (MRC) Application of conformal predictors to functional magnetic resonance fMRI imaging research; PI, £85,581, 2009–2010.
- Royal Society grant, ”Trace Detection with Confidence for Odor Capture Hybrid Sensor System”, co-PI, £7,800, 2009–2010.

NEW GRANTS

- Department for Environment, Food and Rural Affairs (Defra), Veterinary Laboratories Agency (VLA). Machine learning algorithms for analysis of large veterinary datasets; PI, £52,000, 2010–2013.
- European Union/BBSRC grant: Living with uninvited guests: comparing plant and animal responses to endocytic invasions (ERASysBio). EU project (with VLA and SGUL); about £800,000 for RHUL (total grant is over 5,200 000 euros), 2010–2013.
- Cyprus Government grant: “Development of New Venn Prediction Methods for Osteoporosis Risk Assessment”, PI, EUR 149,920, 2011–2014.
- EPSRC CASE award: “Radar signal sorting and emitter identification” (with Thales UK); PI, £96,000; 2011–2014.