eTRIKS, the tranSMART Foundation & U-BIOPRED Data Integration Knowledge Portal Personalizes Asthma Treatment

U-BIOPRED Portal Enables Researchers to Easily Analyze Largest and Most Complex Dataset on Severe Asthma Ever Assembled

CAMBRIDGE, USA, April 22, 2015 /EINPresswire.com/ -- Boston, Massachusetts – April 22, 2015 – eTRIKS (European Translational Information and Knowledge Management Services), The tranSMART Foundation and U-BIOPRED (unbiased biomarkers for the prediction of respiratory disease outcomes) today announced the success of the U-BIOPRED program in helping to make severe asthma treatment more personalized.

U-BIOPRED (led by Academic Medical Centre, Amsterdam and a 2014 Bio-IT World Best Practices Award winner) is nearing the end of its six year course. There are 135 researchers across 27 organizations actively analyzing what is the largest and most complex dataset of severe asthma ever assembled. This is a difficult task requiring many researchers working together on a common database.

eTRIKS, an organization supporting European projects in the area of knowledge management, is helping U-BIOPRED in this effort by providing support across the data management lifecycle with the tranSMART platform, an open-source knowledge management platform for scientists to share pre-competitive translational research data developed by the tranSMART Foundation and its community. The U-BIOPRED knowledge portal is a collaborative platform where researchers share ideas and workflows analyzing U-BIOPRED data.

In the past, the question has always been "Will translational researchers really use these kinds of tools?" eTRIKS has recently analyzed the data and it is clear that researchers are using the platform at unprecedented levels.

"eTRIKS provides gel without which we could be floating in pools of excess data with no direction," said Professor Ian Adcock at Imperial College. "U-BIOPRED is using these data to produce at least 60 publications to advance the understanding of the complex causes and subtypes of severe asthma. The eTRIKS/tranSMART platform is a key ingredient to making this happen."

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"As the use of the tranSMART platform continues to rapidly increase, it is exciting to see how it is making a true impact on translational medicine research in a wide array of therapeutic areas," said tranSMART Foundation CEO Keith Elliston. "U-BIOPRED is an excellent example of how data scientists can leverage technology to collaborate, as well as eliminate redundancies and inconsistencies in the process, to advance science."

For more information on the U-BIOPRED project, watch this video or visit: www.ubiopred.eu.

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