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9ᵗʰ World Digital Pathology & Pathologists Congress

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AIDPATH: The 1st european project for academia and industrial collaboration for digital pathology

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Advances in digital pathology are generating huge volumes of whole slide and tissue microarray images which are providing new insights into the causes of most devastating diseases. They also present tremendous opportunities for developing and evaluating new and more effective treatments that may revolutionize the care of patients with cancers and other diseases. The challenge is to exploit the new and emerging digital pathology technologies effectively in order to process and model all the heterogeneous tissue-derived data. This requires joint research projects and collaborative programmes between academia and industry, which will help developing efficient and innovative products to fulfil the needs of digital pathology. This is the goal of the AIDPATH project: AIDPATH is composed by 4 companies (Leica, Astrazeneca, Barco and TissueGnostics), 3 hospitals and 5 research institutions in Europe and funded by Marie Curie Actions FP7 EC-612471 during 4 years. AIDPATH facilitates the development of digital pathology by producing new products and research results tailored to fulfil their needs. The work done and the results obtained for different applications in breast and colorectal cancer as well as in nephropathology will be presented in this conference.

Biography

Gloria Bueno is a Professor and researcher at the School of Industrial EngineersUCLM in Ciudad Real, Spain since 2002.She did her PhD in Computer Vision at Coventry University in 1998. She conducted research in different centers, such as: center for Studies in Technical Research of Guipuzcoa - San Sebastian & Louis Pasteur (E), Centre National de Recherche Scientifique the Civil Hôpitaux Telecomunication School, University, Strasbourg (FR) and Gilbert Gilkes & Gordon Technology, Kendal (UK). She directs different projects of national and European research biomedical image processing. Her current interests are: signal and image processing, modeling and artificial intelligence.

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Notes:

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Page 29