New Irish tech can diagnose parasitic infections in minutes A Kilkenny-based pharmaceutical company which specialises in both human and animal health has developed a new type of technology that can recognise images of parasitic infections. Clare Hughes from CFpharma presented the innovation at the Advancing Agri-Tech in Ireland event which was held in Kilkenny on Monday May 20. She argued that the computer algorithm behind the technology would cut down the turnaround time between a diagnosis and a solution from days to minutes. What happens at the moment is a farmer collects a sample sends it to the lab the lab processes the sample they contact each other and the vet treats the animal. This takes days and in general in the meantime the parasites have gone from one animal to another you ve lost milk production you ve had to overfeed your animal. You re basically losing money Hughes explained. However she claimed that her firm model can drastically reduce that time period and the losses incurred during it. What we propose to do and what we have done is that we take the sample put it through a cassette in a reader and that cassette and reader takes an image Hughes outlined. That image is uploaded to an algorithm we ve written to recognise the morphology and density of the parasite and it goes straight back to the farmer or vet with a solution in minutes. This is huge because it information that can be used and brought directly to the farmer so they can treat the animal instantaneously. Hughes explained that this is a global solution. The health of an animal is paramount. It hugely effects inputs and outputs. The impact of parasitic infections globally is billions of euro. We wanted to come up with a global solution she explained. TD flummoxed over VCI decision on vet ownership Stolen machinery found buried in Co. Down Butcher shop notice among enforcement orders issued by FSAI in March Dairy focus Taking the reins of an 80-cow herd and driving it on in Co. Limerick Options for beef farmers in a falling market 140 temporary layoffs at Lakeland Dairies in Co. Cavan Trail to the top The building of Bracken Enterprise Latest coronavirus updates for farmers...as they happen ongoing Letter to the editor Beef imports can be used as a price-control mechanism Tips to control your dairy production costs in these challenging times Opinion Dairy chiefs and farm leaders at loggerheads on virus impact Bird flu This has the potential to leave no Irish eggs in the country Advance payments increase amid CAP flexibility moves EU Agritech Full Time Sales Advisors Co. Cork Grassland Agro Technical Sales Advisors Multiple Locations Copyright 2020 Agriland Media Ltd. We use cookies to ensure that we give you the best experience on our website by using this site you agree to our cookie policy Thank You For Stopping By. Before you go have you signed up for our Every week we will send you a roundup of the most important news in farming and agriculture completely free. Just enter your email below to join our list.