

TECHNOLOGY UPDATE 3, CIRRUS® D20

Emerging Antimicrobials and Diagnostics in AMR 2019, G.C de Valk, 2019



BiosparQ drivers

What motivates us

Health care professionals (e.g. GPs) are still required to prescribe antibiotics without proper diagnosis first. As a result, people are unnecessarily suffering and Antimicrobial Resistance (AMR) rapidly spreads with all known negative consequences.

What do we stand for

Reducing the time to effective antibiotic treatment for patients suffering from infectious diseases, and to secure current antibiotics for future generations, by enabling access to affordable and rapid diagnostics for health care professionals (e.g. GPs).

BiosparQ is a high-tech company focused on rapid identification of micro organisms

An overview of BiosparQ

- Founded 2009
- Leiden Bioscience Park
- World's first Single-cell MALDI TOF Mass Spectrometer Cirrus[®] D20 for rapid microbial identification
- Extensive IP portfolio
- Collaboration with KOL's

Finalisten Nationale Iconen | Biosparq

Biospar

SYSTEMS

2009 - 201

Door Ministerle van Economische Zaken - 12/07/2019





Tackling AMR requires Rapid diagnostics



BiosparQ

SYSTEMS

2009 - 2019

22-11-2019



Every year 150 million people get diagnosed with urinary tract infection ...



How about the GP?



GP



Cirrus[®] D20

- Highly intuitive
- Primary care setting
- 15 minutes turnaround time
- Cost effective





Spectra Data (example)







Next steps

- Collaboration Saltro and BiosparQ
 - UTI Analytical validation
 - CE IVDR certification
 - Pilot primary care setting
- Discussions with stakeholders
 - Reimbursement
 - Standards
- NL roll-out
- EU / US roll-out
- RTI, ST, BSI, & other medical applications development
- Environmental, food safety and other testing applications development

Csaltro Laatste publicaties 7 oktober 2019 Samenwerking Saltro en BiosparQ Saltro en BiosparQ gaan samenwerken. Bestuurder Jurgen Woerdman van Saltro en Gerold de Valk, dire... Meer nieuws



Take home message

Cirrus[®] D20 will enable health care professionals (e.g. GPs) to rapidly diagnose and effectively treat patients suffering from infectious diseases, and thereby providing a significant contribution to push back AMR.

