



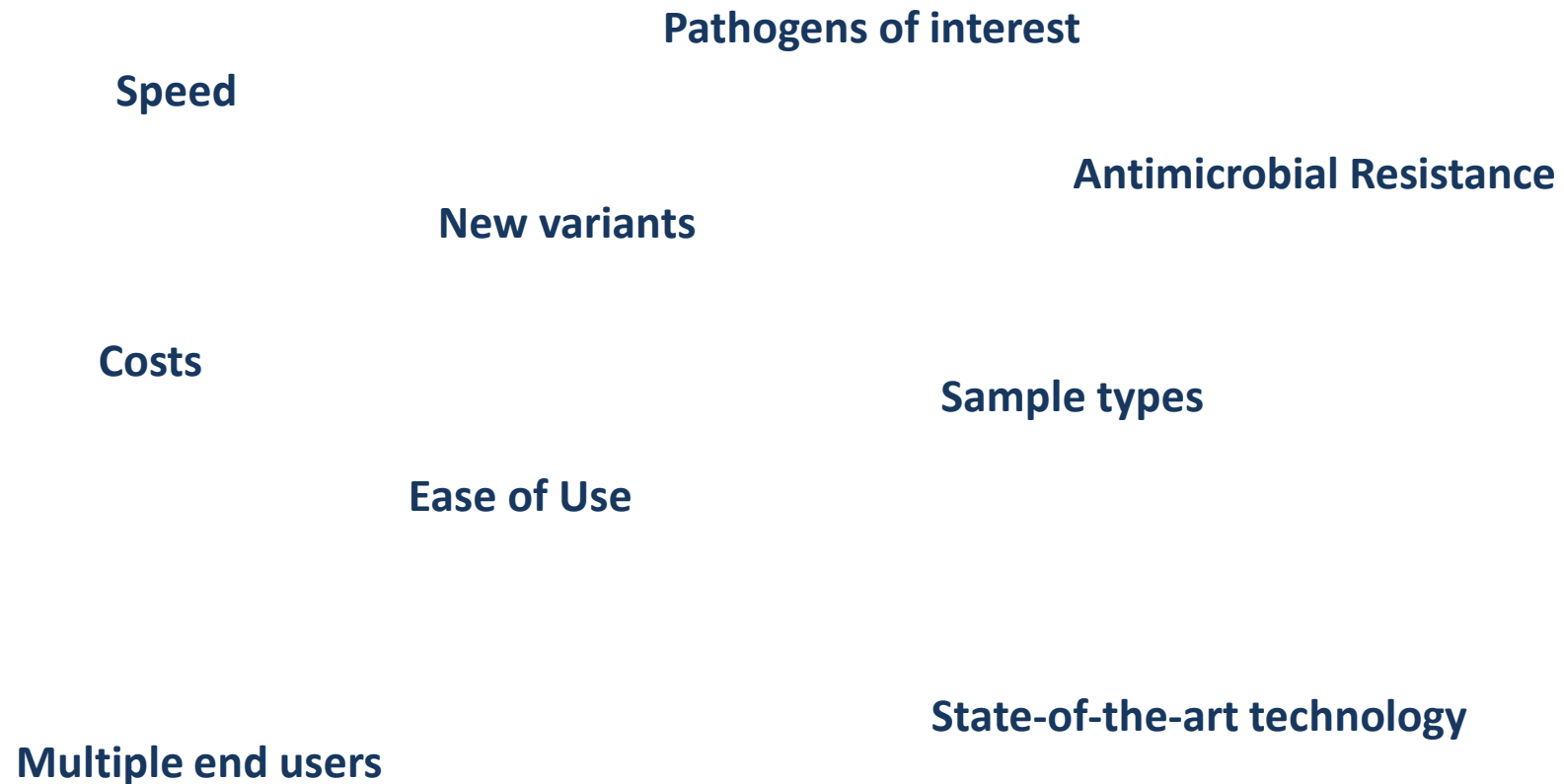
**The DiagCORE<sup>®</sup> System**  
**– a new solution for near patient testing**

*Dr. Claudia van de Sand, January 25<sup>th</sup> 2017, AMR Workshop, Oxford, UK*

- STAT-Diagnostica started in 2010
- In vitro diagnostics company developing near patient testing solutions for patients with infectious diseases
- Located in Barcelona, Spain
- Venture Capital Financed / Serial C
- Team counts now 48 people
- Company is continuously growing



Located in modern facilities in a highly dynamic region



## Challenges of Near Patient Testing

## The DiagCORE<sup>®</sup> System



**Our Solution for Near Patient Testing**

## The DiagCORE<sup>®</sup> Analyzer

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Time to result:  
30 – 80 minutes

Traceability – internal and  
external barcode readers

Proven Usability

HIS/LIS connectivity



Size: (20 x 42 x 29 cm)

GUI guiding through entire  
process from sample to data

Real Time PCR technology

Random access running  
several modules in parallel



**Simple and smart principles with proven underpinning technologies**

## The DiagCORE<sup>®</sup> cartridge

Single-use cartridge for different applications

> 2 min hands on time  
one-step diagnostic

Flexible sample input  
volumes (100µl – 1,5ml)

Dry and wet  
reagents on board

Liquid and solid samples



Mechanical and  
chemical lysis

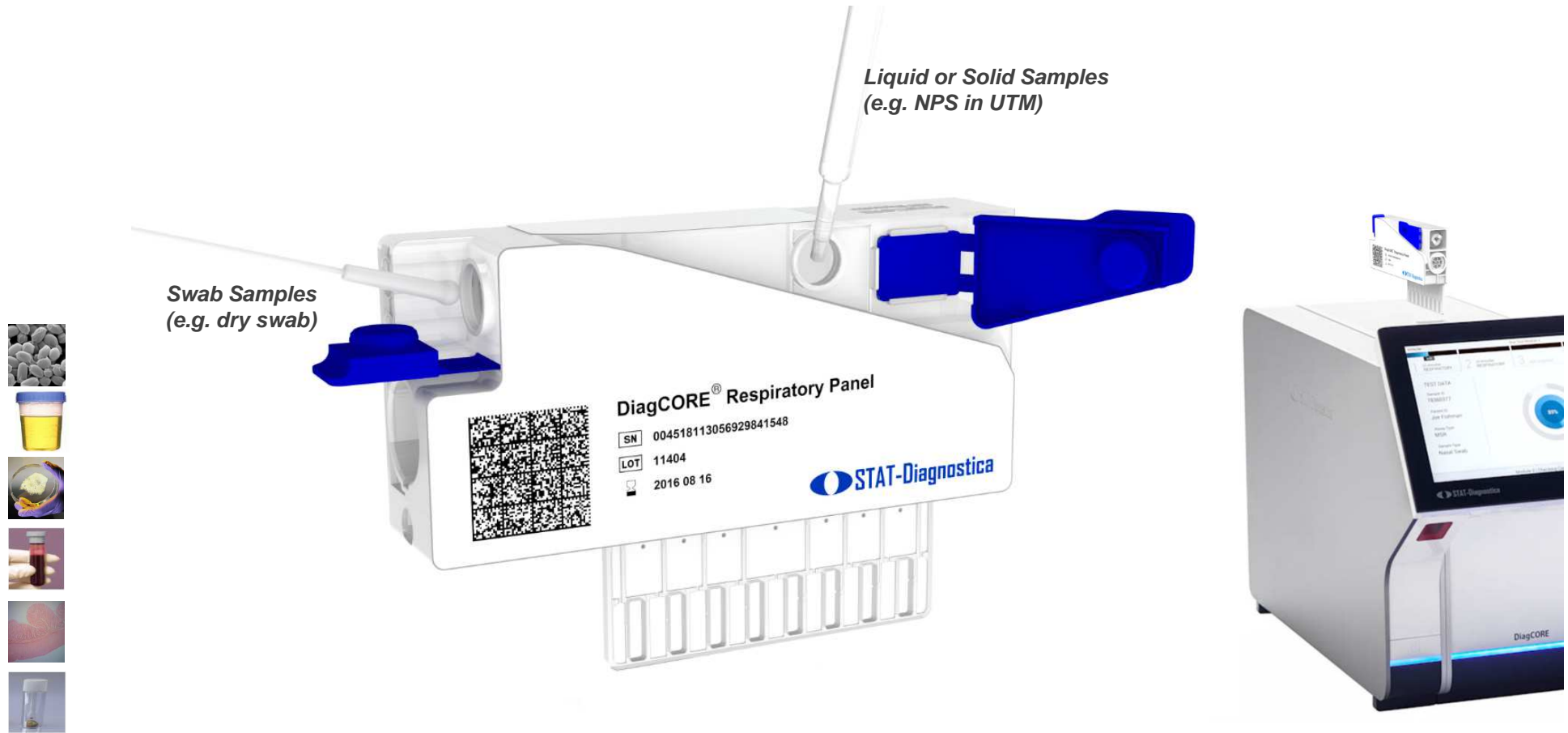
Up to 48-plex in  
real time PCR

Full Process Internal  
Control on board



Simple and smart principles with proven underpinning technologies

## Sample addition



Unrivalled Usability for True Walk-Away Near Patient Testing

DiagCORE® Respiratory Panel			
1	Influenza A	12	Coronavirus 229E
2	Influenza A/pnd. H1N1/2009	13	Coronavirus OC43
3	Influenza B	14	Coronavirus NL63
4	Respiratory Syncytial Virus A	15	Coronavirus HKU1
5	Respiratory Syncytial Virus B	16	Bocavirus
6	Parainfluenza virus 1	17	Adenovirus
7	Parainfluenza virus 2	18	<i>Mycoplasma pneumoniae</i>
8	Parainfluenza virus 3	19	<i>Bordetella pertussis</i>
9	Parainfluenza virus 4	20	<i>Chlamydomphila pneumoniae</i>
10	Human Metapneumovirus A/B	21	<i>Legionella pneumophila</i>
11	Rhinovirus / Enterovirus	Internal Control	



**Sample type: Nasopharyngeal Swabs in Transport Medium**



# Thank you



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