



Welcome to xSAMPLES BENELUX 2013

Hans Sluimer

Business Manager Benelux

June 19

Jan van Gils

Director Life Science Research

June 20

Multiplex Technology Congress Exchanging Experiences



10 years Planet xMAP

With more than 14.000 publications and 10.000 platforms in the field



PLANET xMAP 2012

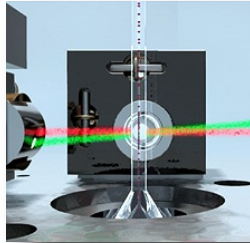
**CROWN YOUR WORK
10 & 11 OCTOBER**

GRIMALDI FORUM, MONACO



xMAP Technology

Luminex 100/200
xMAP Technology
based on flow cytometry

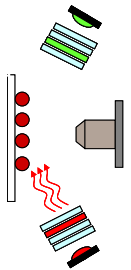


Red Laser & APDs: classify the anti-TAG coupled beads

Green Laser & PMT: quantifies the fluorescent reporter, representing the specific hybridization events

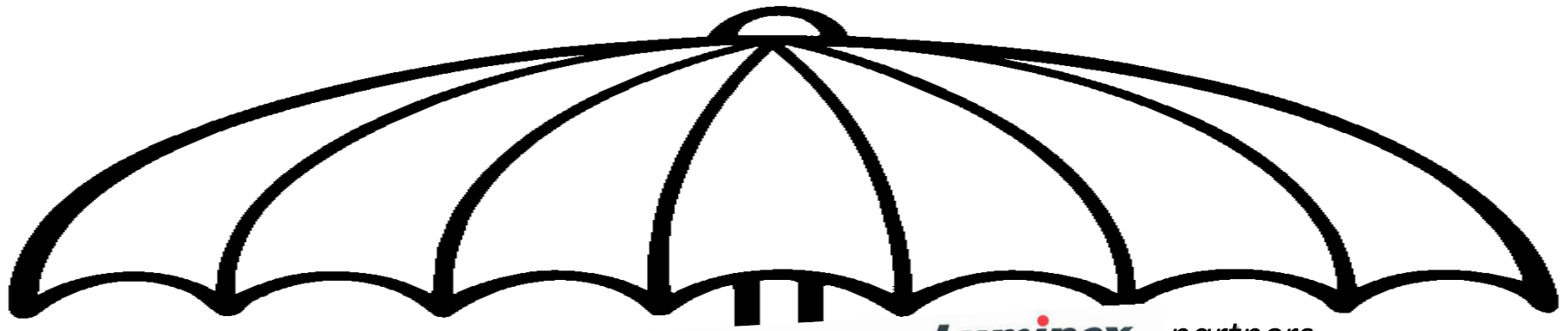
The Luminex 100/200 is a class 1 (I) laser product.

MAGPIX
xMAP Technology
uses LEDs and CCD (camera)

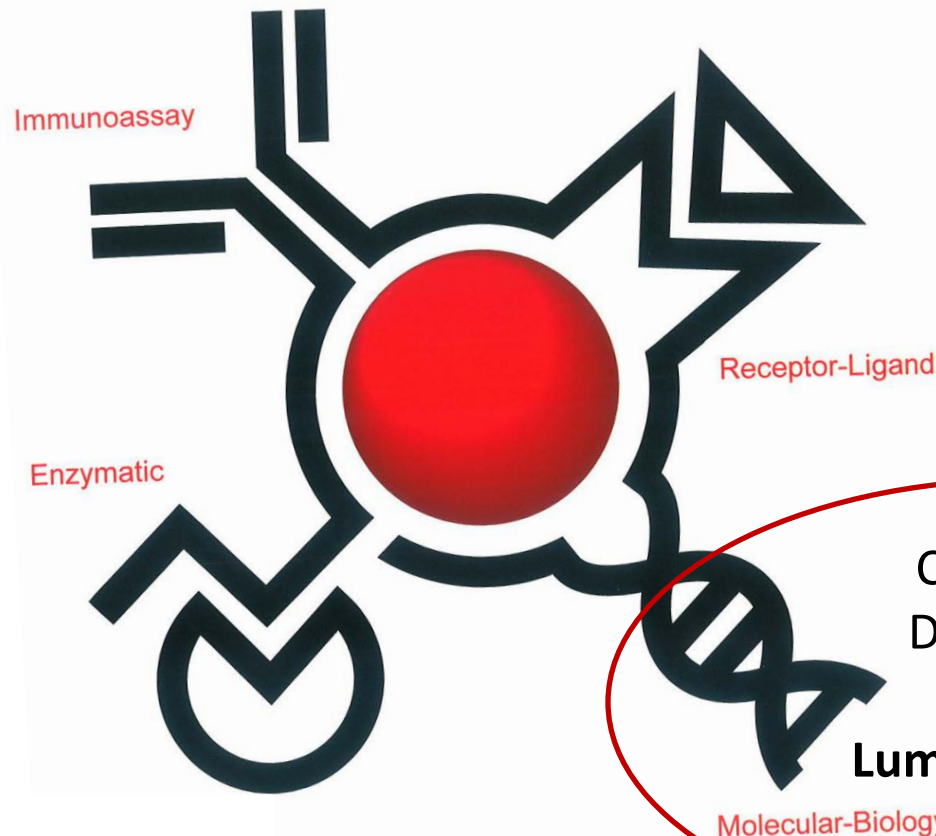


Red LED & CCD camera: classify the anti-TAG coupled beads

Green LED & CCD camera: quantifies the fluorescent reporter, representing the specific hybridization events



Luminex. partners



CE-IVD Molecular
Diagnostics solutions
direct through
Luminex Benelux team

Some Partners in Diagnostics

- HLA typing
 - Antibody
 - Genotyping



- Infectious disease
 - HPV Genotyping
 - Borelia Serology



- HLA typing
 - Antibody
 - Genotyping

- Infectious disease Serology



- Oncology
 - KRAS/BRAF
 - Leukemia Translocations

- AutoImmunity & Infectious disease Serology



- Blood Group Typing

Most of these partners are focussed on selling kit solutions & services in their specific fields.

Luminex CE-IVD program 2013

xTAG® Gastrointestinal Pathogen Panel
(xTAG GPP)

Now you can test for 15 key bacteria, viruses, and parasites – all in under 5 hours

➤ Therapy for the Average Patient ➤ Personalized Medicine



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The broadest choice in CFTR mutation coverage

xTAG® Cystic Fibrosis 39 Kit v2

xTAG® Cystic Fibrosis 71 Kit v2

xTAG® Cystic Fibrosis Kit (EU)



xTAG® RVP FAST v2
Comprehensive, Reliable and Scalable

19 targets | 96 samples | 5 hours


Now includes 2009 H1N1



Luminex

xTAG® CYP2D6 Kit v3*
Empowering Personalized Medicine

*For In Vitro Diagnostic Use, U.S. CE-IVD



Empowering Personalized Medicine
Identify the Right Drug
in the Right Dose for the Right Patient

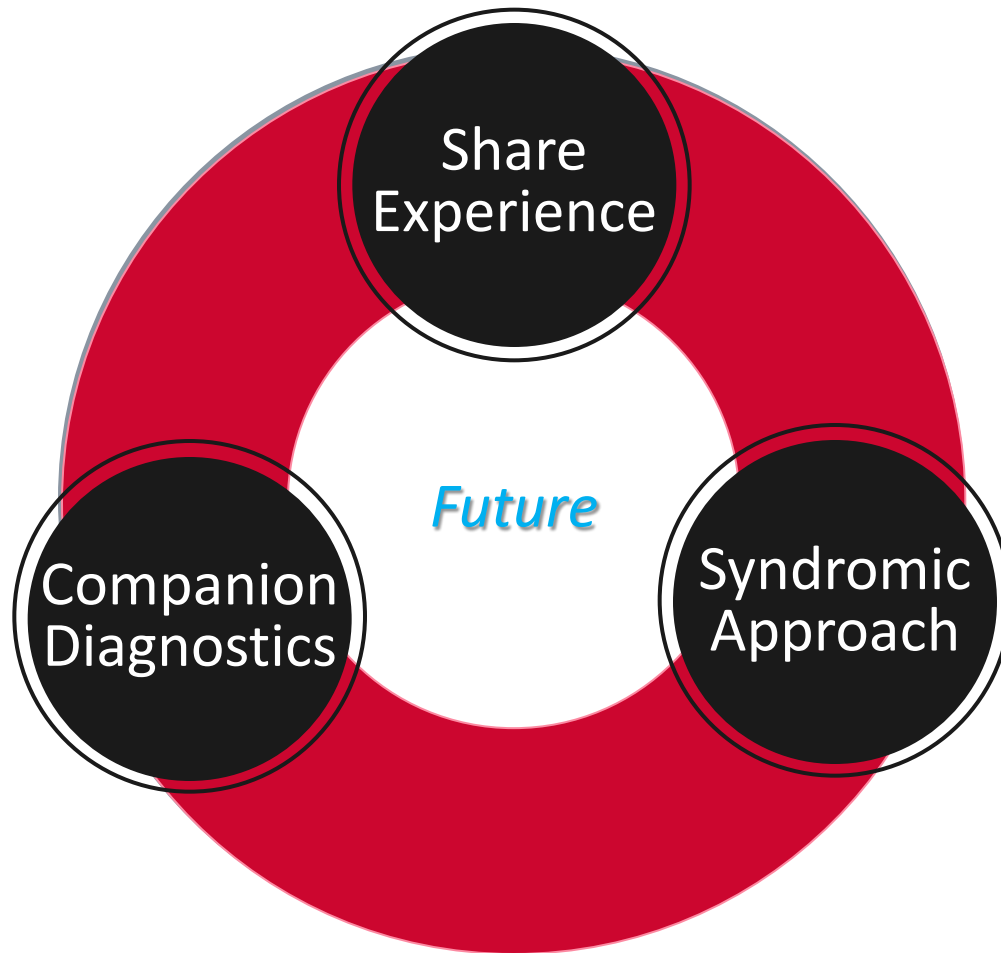
Luminex

Challenges in Healthcare

- Patient: Multiple pathogen types / Antibiotic Resistance
- Clinician: Similar symptoms cause by different pathogens / Time
- Workload: Time consuming serial selective testing/ techniques are required
 - Culture / Microscopy / Multiple samplings
- Economics: Multiple departments and isolation of patients

Luminex Solutions for Advanced Diagnostics

The 3 topics of this Molecular day



Chairman of day one

Edwin Roovers, Ph.D.

Director Sales and Marketing EMEA & India

Program Day 1 Molecular Diagnostics

08:30 - **Welcome & Registration**

09:30 – **Luminex Solutions for Advanced Diagnostics**

Hans Sluimer, Business Manager Benelux, Luminex B.V

09:45 - **Syndromic Approach in the Diagnosis of Infectious Diseases**

Eric C.J. Claas, Associate Professor, Molecular Medical Microbiologist, Leiden University Medical Center, Leiden, The Netherlands

10:15 - **Companion Diagnostics: Clinical Significance of Pharmacogenetics**

Laure Elens PhD, Laboratory of Analytical Biochemistry & Louvain center for Toxicology and Applied Pharma Clinique's Universitaires Saint-Luc – UCL, Brussels, Belgium

10:45 - **Coffee Break & Poster session**

11:30 - **xMAP® Technology: An open platform**

Gonnie Spierings, PhD, Senior Field Marketing Scientist / Group Coordinator, Luminex EMEA & India

11:45 - **Studies on *Staphylococcus aureus* pathogenesis**

Willem J.B van Wamel, Assistent professor, Medical Microbiology and Infectious Diseases, Erasmus Medical Center Rotterdam

12:15 - **Boat tour, Lunch & Bead Lottery**

Program

14:00 - GPP covering the Olympics 2012 & Hospital Community samples

Dr. Michael Perry, Public Health Wales Microbiology Cardiff,
University Hospital of Wales, Cardiff, United Kingdom

14:30 - New Technology Challenges for Old Diseases

Dr. Rolf Kaiser, department of Virology, the University of Cologne,
Cologne, Germany

15:00 - Use of the xTAG CF 39 assay for Cystic Fibrosis testing in Ireland

Ms. Melissa Rogers, Clinical Molecular Scientist, National Centre for Medical Genetics,
Dublin, Ireland

15:30 - Multiplex Technology Applications: HPV Genotyping

Dr. Leen-Jan van Doorn, Director Research DDL Diagnostic Laboratory,
Rijswijk, The Netherlands

16:00 - Luminex in the (near) future

Dr. Nancy Kronic, VP Luminex Molecular Diagnostics, Toronto, Canada

16:30 - Beads, Bubbles & Bites