

# 2015 Results Presentation

17 March 2016

# NOTICES AND WARNINGS

This presentation has been prepared by the management of Biocartis Group NV (the "Company"). It does not constitute or form part of, and should not be construed as, an offer, solicitation or invitation to subscribe for, underwrite or otherwise acquire, any securities of the Company or any member of its group nor should it or any part of it form the basis of, or be relied on in connection with, any contract to purchase or subscribe for any securities of the Company or any member of its group, nor shall it or any part of it form the basis of or be relied on in connection with any contract or commitment whatsoever.

The information included in this presentation has been provided to you solely for your information and background and is subject to updating, completion, revision and amendment and such information may change materially. Unless required by applicable law or regulation, no person is under any obligation to update or keep current the information contained in this presentation and any opinions expressed in relation thereto are subject to change without notice. No representation or warranty, express or implied, is made as to the fairness, accuracy, reasonableness or completeness of the information contained herein. Neither the Company nor any other person accepts any liability for any loss howsoever arising, directly or indirectly, from this presentation or its contents.

This presentation includes forward-looking statements that reflect the Company's intentions, beliefs or current expectations concerning, among other things, the Company's results of operations, financial condition, liquidity, performance, prospects, growth, strategies and the industry in which the Company operates. These forward-looking statements are subject to risks, uncertainties and assumptions and other factors that could cause the Company's actual results of operations, financial condition, liquidity, performance, prospects, growth or opportunities, as well as those of the markets it serves or intends to serve, to differ materially from those expressed in, or suggested by, these forward-looking statements. The Company cautions you that forward-looking statements are not guarantees of future performance and that its actual results of operations, financial condition, liquidity and the development of the industry in which the Company operates may differ materially from those made in or suggested by the forward-looking statements contained in this presentation. In addition, even if the Company's results, condition, and growth and the development of the industry in which the Company operates are consistent with the forward-looking statements contained in this presentation, those results or developments may not be indicative of results or developments in future periods. The Company and each of its directors, officers and employees expressly disclaim any obligation or undertaking to review, update or release any update of or revisions to any forward-looking statements in this presentation or any change in the Company's expectations or any change in events, conditions or circumstances on which these forward-looking statements are based, except as required by applicable law or regulation.

This document and any materials distributed in connection with this document are not directed to, or intended for distribution to or use by, any person or entity that is a citizen or resident or located in any locality, state, country or other jurisdiction where such distribution, publication, availability or use would be contrary to law or regulation or which would require any registration or licensing within such jurisdiction. The distribution of this document in certain jurisdictions may be restricted by law and persons into whose possession this document comes should inform themselves about, and observe any such restrictions. The Company's shares have not been and will not be registered under the US Securities Act of 1933 (the "Securities Act") and may not be offered or sold in the United States absent registration under the Securities Act or exemption from the registration requirement thereof.

# Today's presenters



**Rudi Pauwels**  
Chief Executive  
Officer & Founder



**Hilde Windels**  
Deputy  
Chief Executive Officer



**Ewoud Welten**  
Chief Financial  
Officer



**Geert Maertens**  
Chief Scientific  
Officer



**Nicolas Vergauwe**  
Head of  
Innovation

# Agenda

- Strategy recap
- 2015 results
- Menu update
- 2016 outlook and news flow
- Q&A

# High precision diagnostics for high precision medicine



**Idylla™**

- 'First time right' molecular diagnostic system
- In close time and space proximity where patients and healthcare professionals interact and make therapeutic decisions



## EARLY DIAGNOSIS

- Rapid diagnosis
- High sensitivity
- Comprehensive panels



## THERAPY SELECTION

- Treatment guidance
- Companion diagnostics



## PATIENT MONITORING

- Monitoring of treatment progress
- Early detection of relapse

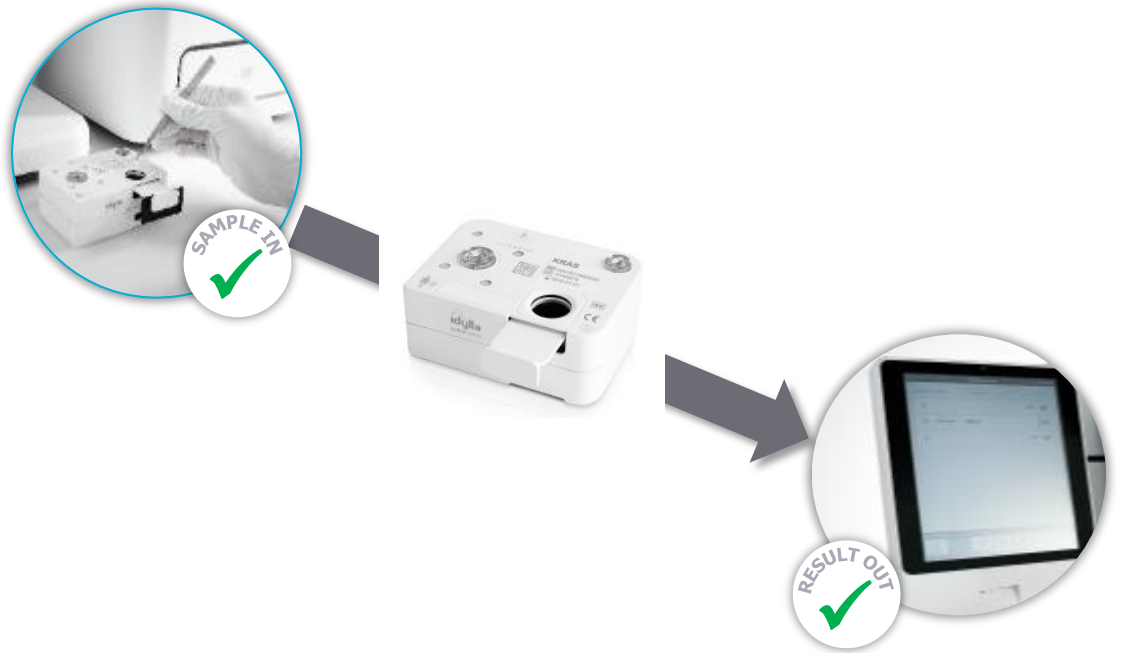
# Idylla™ best-in-class

- Fully automated sample-to-result
- Accurate results at right sensitivity
- High levels of multiplexing
- Short turnaround time
- Modular
- Connectivity



# Limitation of erroneous results due to standardised cartridge

- Any sample type
- No sample pre-treatment
- All reagents on board
- No PCR lab infrastructure
- No cold chain
- Stable at room temperature



Offering potential for CLIA waiver

# Menu for oncology and infectious diseases

|       | Oncology  | Infectious diseases   |
|-------|---|---|
| USPS  | <p><b>Fastest growing</b> segment of the MDx market<sup>1</sup> - CAGR of 17% between 2015-2020</p> <ul style="list-style-type: none"> <li>• Direct processing of FFPE<sup>2</sup> tumour slices</li> <li>• Highly sensitive detection of a vast range of mutations from tissue or blood</li> </ul> | <p><b>Largest segment</b> of the MDx market<sup>1</sup> – 44% of total in 2015</p> <ul style="list-style-type: none"> <li>• Ability to offer syndromic panels that include quantitation</li> <li>• Short turn around times combined with high sensitivity</li> <li>• Sample enrichment platform for sepsis application</li> </ul> |
| Focus | <ul style="list-style-type: none"> <li>• Solid biopsies and liquid biopsies</li> <li>• First wave of tests based on clinically proven and reimbursed biomarkers</li> <li>• Second wave to include new proprietary biomarkers</li> </ul>   | <ul style="list-style-type: none"> <li>• Syndromic panels (e.g. respiratory tract panel assays)</li> <li>• Disease surveillance</li> <li>• Sepsis</li> <li>• Viral load assays</li> </ul>   |

**PARALLEL MENU EXPANSION**

*Strategic partnerships*

**Johnson & Johnson**  
(Initial tests include Flu-RSV)

**Abbott Molecular**  
(Focus on CDx development)

*Diagnostic app developer partnerships*

**Microbiome**   **A\*STAR**   **fast-track DIAGNOSTICS**  
TRUE POSITIVES. TRUE NEGATIVES.



# 2015 Results

# Key messages 2015 results

## Commercialisation

- Successful initial market adoption of the Idylla™ platform by **adding 83 instruments**: exceeding 2015 target of 75
- Total **installed base of 165 Idylla™ instruments** by the end of 2015
- Commercial footprint covering **over 55 countries** worldwide end of 2015

## Test menu

- Significant progress made in further building the Idylla™ menu by adding **four new tests**: two new solid biopsies for oncology, first liquid biopsy for oncology and first infectious disease test
- Total menu of **five tests end of 2015**: three CE-IVD tests and two Research Use Only (RUO) tests

## Manufacturing

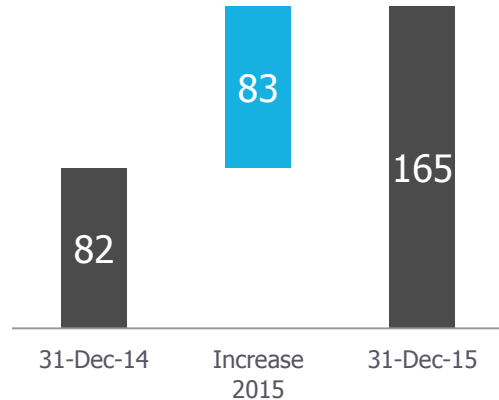
- Idylla Instrument and Console manufacturing **outsourced**
- **Second** Idylla™ cartridge manufacturing line ordered

## Financials

- Total operating income of **EUR 15.0m** compared to EUR 10.4m in 2015
- 2015 end of year cash position of **EUR 104.1m** compared to EUR 11.9m end of 2014

# Installed base of 165 Idylla™ instruments end of 2015

## Increased installed base



- A total of 83 Idylla™ instruments added to the installed base in 2015
- Instruments placed with clients worldwide
- Clients consisting of reference laboratories and first time users of MDx

“Idylla™ gives you an answer in an absolutely unprecedented time frame.”

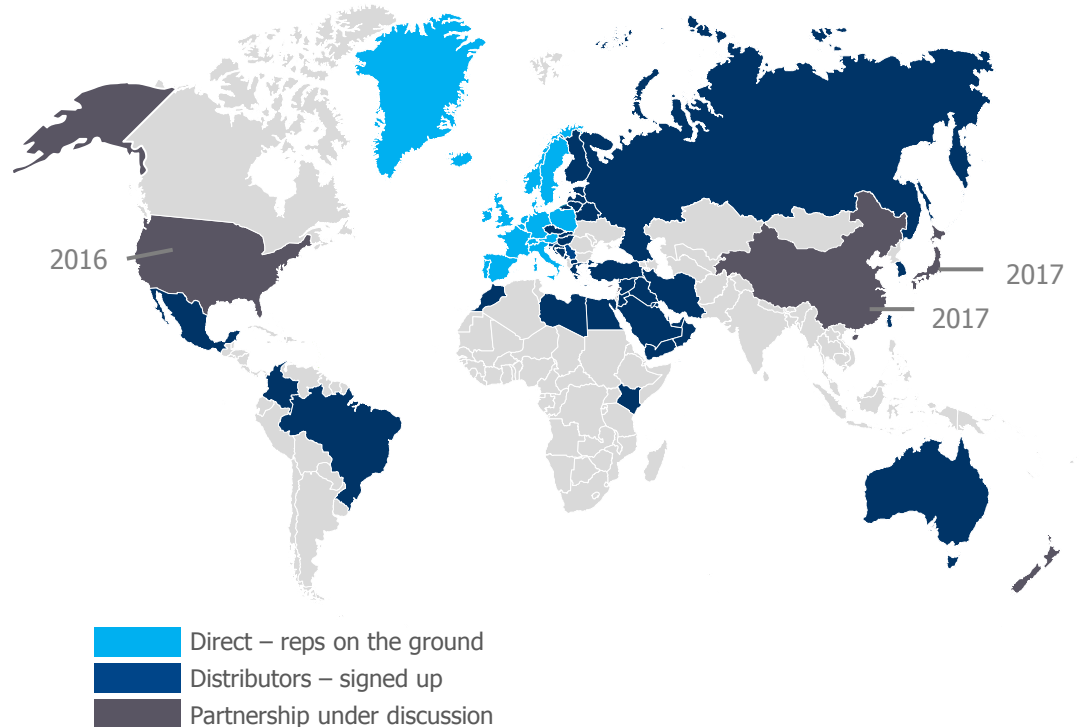
*Filip Janku, MD PhD,  
Oncologist,  
MD Anderson Cancer Center,  
Houston, Texas, USA*

“Excellent sensitivity, very quick results and very little hands-on time.”

*Beatrice Bellosillo, PhD,  
Head Molecular lab,  
Hospital del Mar, Barcelona, Spain*

# Continued expansion **global** commercial footprint

- Over **55 countries** covered through direct and indirect sales channels
- **Direct sales force** covering Western European countries
- **23 distributor contracts** in place covering approx. 40 countries
- Announcement **US** commercialisation strategy in 2016
- Announcement commercialisation strategy **China** and **Japan** in 2017



# Manufacturing expansion plan ongoing

- Biocartis currently operates one cartridge manufacturing line that is located in Mechelen (Belgium)
- Over 125,000 cartridges manufactured to date
- Capacity current line is being ramped up by adding workstations and implementing additional shifts in 2016
- Equipment and tools of a new higher capacity line ordered end of 2015. This second line should be operational in 2017
- Manufacturing instrument and console successfully outsourced in to a contract manufacturing organisation which enabled:
  - realisation of significant cost efficiencies
  - required scaling of production capacity



# Four new Idylla™ tests launched in 2015

## Oncology



### KRAS Test

- Colon, lung and pancreas
- Solid biopsy
- 1 FFPE tumour slice
- CE-IVD
- 21 mutations
- Sensitivity of < 5%
- TaT\* approx. 2 hours



### NRAS/BRAF/EGFR492 Assay

- Colon, melanoma and thyroid
- Solid biopsy
- 1 FFPE tumour slice
- RUO
- 22 mutations
- Sensitivity < 5%
- TaT\* approx. 2 hours



### ctBRAF Assay

- Melanoma, colon and lung
- Liquid biopsy
- 1ml plasma
- RUO
- 2 mutations (5 amino acids)
- Sensitivity of < 1%
- TaT\* around 85 min.



### Respiratory (IFV-RSV) Panel

- Influenza Virus and Respiratory Syncytial Virus
- Developed by Janssen Pharmaceutica
- Nasopharyngeal Swab and VTM\*\*
- CE-IVD
- 8 targets incl. Flu A subtypes, Tamiflu Resistance® mutation
- TaT\* around 50 min

Offering complete mCRC<sup>1</sup> mutation analysis within two hours

World's first and only fully automated liquid biopsy

Speed of rapid tests with sensitivity central lab tests

# Outperforming reference testing

Approx. 5% more patients could have benefited from targeted BRAF therapy

| BRAF Mutation Test |                                       |              |                      |  | KRAS Mutation Test                  |                             |              |                                  |  |
|--------------------|---------------------------------------|--------------|----------------------|--|-------------------------------------|-----------------------------|--------------|----------------------------------|--|
| STUDY/ TRIAL       | LOCATION                              | # OF SAMPLES | OVERALL CONCORDANCE* | OVERALL CONCORDANCE AFTER DISCORDANCE TEST** | STUDY/ TRIAL                        | LOCATION                    | # OF SAMPLES | OVERALL CONCORDANCE <sup>+</sup> | OVERALL CONCORDANCE AFTER DISCORDANCE TEST <sup>++</sup> |
| Validation study   | Charité Berlin, UZA Antwerp           | 236          | 97.9%                | 99.6%  | Mini-performance evaluation (NGS)   | In-house                    | 82           | 100%                             | 100%   |
| Beta trial         | 6 regional hospitals***               | 138          | 94.9%                | 100%   | Verification study (Ultra Deep Seq) | In-house                    | 116          | 99.1%                            | 99.1%  |
| Research study     | MD Anderson                           | 216          | 97.2%                | 100%   | Verification study (alpha trial)    | Commercial reference lab    | 108          | 91.7%                            | 99.1%  |
| Trial (off-label)  | Medical University of Vienna          | 191          | 97.4%                | 100%   | Validation study                    | University Hospital Antwerp | 182          | 96.7%                            | Na <sup>+++</sup>  |
| Trial (off-label)  | Oxford University Hospitals NHS Trust | 98           | 98.6%                | 100%   |                                     |                             |              |                                  |  |

Outperforms reference testing in studies with **879 clinical samples** (of which ~590 melanoma samples)

Outperforms reference testing in studies with **488 clinical samples**: analysis of beta trials ongoing



\* Reference methods: Roche cobas, CLIA laboratory PCR-based sequencing, Sequenom MassARRAY and Pyrosequencing

\*\* Ultra deep sequencing and digital droplet PCR

\*\*\* Rigshospital Copenhagen, Imelda Bonheiden, Jan Yperman Ieper, Hospital del Mar Barcelona, Karlsruhe, LabPON Hengelo

Note: number samples tested with discordance test varies between study/trial

+ Reference methods: Roche Cobas and NGS

++ Ultra deep sequencing and digital droplet PCR

+++ Out of a subset of the discordant samples, insufficient sample was available to perform a discordance test

# Collaboration with **MERCK**

## Description

- Collaboration on new liquid biopsy technology for RAS biomarker testing
- Aim of collaboration is to improve patient access to ctRAS testing by leveraging the advantages of Idylla™
- Reinforces Biocartis' development of highly innovative liquid biopsy versions of its expanding oncology test menu

## Commercial aspects

- Development of Idylla™ ctKRAS and ctNRAS/BRAF tests as CE-IVD
  - RUO launch planned for H2-2016
  - CE-IVD launch expected early 2017 after completion of a concordance study
- Implementation of Idylla™ liquid biopsy RAS tests in numerous medical centers across the world<sup>1</sup>



## Patient impact

- mCRC<sup>2</sup> patients need RAS biomarker testing to be eligible for anti-EFGR therapy (such as Erbitux®)
- Today's RAS testing requires expert expertise in molecular diagnostics which is not readily available in all hospitals
- RAS testing from ctDNA is less invasive to the patient and provides a 'real-time' biomarker profile in relapsing patients<sup>3</sup>



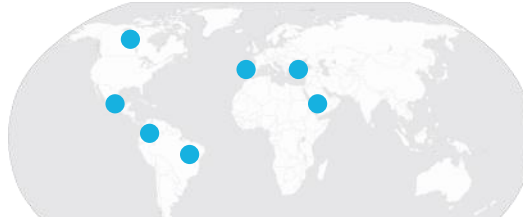
# Collaboration with **AMGEN**

## Description

- Collaboration to evaluate Idylla™ RAS testing as tool for rapid decentralised testing
- Aim of the collaboration is to accelerate access to RAS biomarker information in the selected countries
- Underlines Amgen's and Biocartis' commitment to patients in oncology in offering high precision medicine and high precision diagnostics

## Commercial aspects

- Amgen will make Idylla™ RAS testing available to several reference hospitals:
  - Brasil
  - Canada
  - Colombia
  - Mexico
  - Saudi Arabia
  - Spain
  - Turkey



## Patient impact

- For mCRC<sup>1</sup> patients, timely information on presence of mutations in RAS genes is critical in treatment selection
- Technologies currently used by hospitals across the globe are complex and on average require several weeks (e.g. 9.8 days in Spain<sup>2</sup>)
- In some geographies in-country testing not even possible
- With Idylla™ RAS testing can be done locally and in shorter timeframe

# Total operating income in 2015 of EUR 15.0m

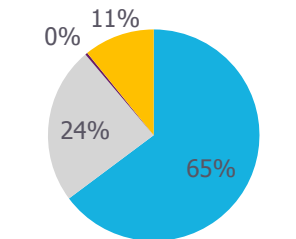
## Condensed income statement

| In EUR 1,000                    | 2015            | 2014            |
|---------------------------------|-----------------|-----------------|
| <b>Total operating income</b>   | <b>14,951</b>   | <b>10,367</b>   |
| COGS                            | (2,642)         | (4,251)         |
| R&D expenses                    | (36,554)        | (25,014)        |
| S&M expenses                    | (8,747)         | (3,095)         |
| G&A expenses                    | (6,662)         | (7,180)         |
| <b>Total operating expenses</b> | <b>(54,606)</b> | <b>(39,540)</b> |
| <b>Operating result</b>         | <b>(39,655)</b> | <b>(29,173)</b> |
| Net financial result            | (790)           | (961)           |
| Income taxes                    | 648             | 947             |
| Gain discontinued operations    | 0               | 19,472          |
| <b>Net result</b>               | <b>(39,797)</b> | <b>(9,715)</b>  |

## Breakdown total operating income 2015

### Total operating income

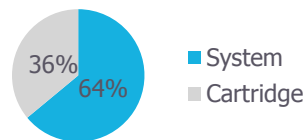
100% is EUR 15.0m



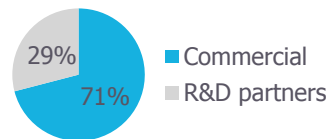
- Collaboration revenue
- Product sales revenue
- Service revenue
- Grants and other income

### Product sales revenue

By product (100% is EUR 3.6m)



By type (100% is EUR 3.6m)



# End of year cash position of EUR 104m

## Condensed cash flow statement

| In EUR 1,000                   | 2015            | 2014            |
|--------------------------------|-----------------|-----------------|
| Result for the period          | (39,797)        | (9,715)         |
| Depreciation & amortisation    | 5,021           | 4,437           |
| Working capital changes        | 11,518          | (4,301)         |
| Gain on discon. Operations     | 0               | (26,624)        |
| <b>CF operating activities</b> | <b>(23,357)</b> | <b>(35,884)</b> |
| <b>CF investing activities</b> | <b>(9,414)</b>  | <b>5,052</b>    |
| <b>CF financing activities</b> | <b>125,943</b>  | <b>12,727</b>   |
| Exchange rate changes          | (4)             | (23)            |
| <b>Total net cash flow</b>     | <b>93,169</b>   | <b>18,128</b>   |
| Cash position BoY              | 10,919          | 29,047          |
| Total net cash flow            | 93,169          | 18,128          |
| <b>Cash position EoY</b>       | <b>104,088</b>  | <b>10,919</b>   |

## Remarks

- Total operating and investing cash flow of EUR 32.8m (EUR 44.3m excluding working capital impact)
- Cash flow from operating activities
  - Positively impacted by movements in working capital due to decrease in trade receivables and increase in trade payables
  - 2014 exceptionally impacted by gain on disposal MyCartis
- Cash flow from investing activities
  - Includes by EUR 9.2m of capex of which EUR 6.1m capex for manufacturing expansion (current line and second line)
- Cash flow from financing activities
  - Driven by proceeds from second tranche F-round and IPO
  - Includes EUR 5.1m on repayments of borrowing (mainly for the Senter Novem loan)
  - Includes a new financing facility on which EUR 1.8m was drawn end of 2015 (total facility amounts to EUR 5.0m)

# Menu update

# Presenting the **menu update**



**Geert Maertens**  
Chief Scientific Officer



**Nicolas Vergauwe**  
Head of Innovation



**Rudi Pauwels**  
Chief Executive Officer &  
Founder

# Market needs and trends drive Idylla™ menu

- Continuous monitoring of market developments, KOL\*, Scientific Advisory Board and customer feedback to optimise Idylla™ menu
- Oncology
  - Strong traction with leading pharma companies for Idylla™ based testing
  - Accelerated commercialisation of liquid biopsy market
  - Promising link with novel immunotherapies
  - Opportunity to leverage Idylla™ technology for next-generation sequencing ('NGS')
- Infectious diseases
  - Sepsis: solution directly from blood remains a very high unmet need
  - Global awareness on disease outbreaks drives demand for syndromic panels

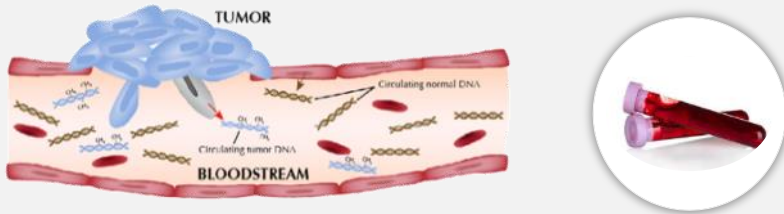
# Leveraging new opportunities in oncology

- Larger near term allocation of resources to benefit from oncology momentum in the market
- Increased focus on development fully automated **liquid biopsy solutions**, including development of CE-IVD tests in collaboration with pharma
- Broadening scope **Idylla™ MSI\*\* test**, with aim to capture expected value of MSI for predicting response to certain immunotherapies as shown by recent data
- Idylla™ gateway to NGS +: development of **Idylla™ NGS Prep Panels** that function as gateway to NGS; first NGS Prep Panel expected to be launched in 2017

# Accelerated commercialisation of liquid biopsy testing

## Background

- Cancerous tumours release cell-free circulating tumour ('ct') DNA fragments into the bloodstream



- Circulating blood biomarkers are a promising surrogate for solid tumour tissue-based biomarkers as this approach:
  - Allows for non-invasive sample taking
  - Does not require prior information of the tumour location
  - Is suitable for repeat sampling
- Promising potential\*:
  - Market size of estimated at \$20 billion in 2020
  - Growth rate for liquid testing in patients expected to be 62% per annum till 2020

## Liquid biopsy focus Biocartis

- Build a critical menu of fully automated liquid biopsy tests that complement our solid biopsy test menu
- Combined offering of solid and liquid testing expected to deepen market adoption of Idylla™
- ctBRAF assay launched, to be followed in 2016 by:
  - ctKRAS RUO
  - ctNRAS / BRAF / EGFR492 RUO(both products expected to be launched as CE-IVD in 2017 as part of the Merck collaboration)
- Focus for 2017 and beyond on liquid biopsies on:
  - Lung, colon and breast cancers: easy diagnostic inclusion and monitoring of resistance to therapy
  - Liver cancer: early detection in cirrhotic livers



# Unique position in MSI testing

## What is Microsatellite Instability?

- MSI evolves as a result of the so-called 'inactivation of the body's DNA mismatch repair (MMR) system'
- Consequently, errors that normally spontaneously occur during DNA replication are no longer corrected, resulting potentially in tumor growth
- Tumors can be labeled as MSI-High (MSI-H), MSI-Low (MSI-L) or Microsatellite Stable (MSS)
- MSI is a proven prognostic oncology biomarker included in CRC guidelines and found in different cancer types:

| Cancer type | % MSI-H              | Cancer type | % MSI-H            |
|-------------|----------------------|-------------|--------------------|
| Colorectal  | 10-20% <sup>1</sup>  | Lung        | ± 5% <sup>6</sup>  |
| Endometrium | ± 30% <sup>2</sup>   | Gastric     | ± 20% <sup>7</sup> |
| Ovarium     | 5-10% <sup>3</sup>   | Pancreas    | ± 15% <sup>8</sup> |
| Melanoma    | ± 10% <sup>4,5</sup> |             |                    |

## Biocartis' unique position in MSI

- Exclusive license agreement with the Flemish Institute for Biotechnology for rt-PCR compatible MSI markers
- Strong competitive position of Idylla™ based MSI testing versus current manual and complex procedure using capillary electrophoresis (Bethesda method), requiring multiple days to perform
- Idylla™ MSI test does not require sample control; 1 sample per patient required



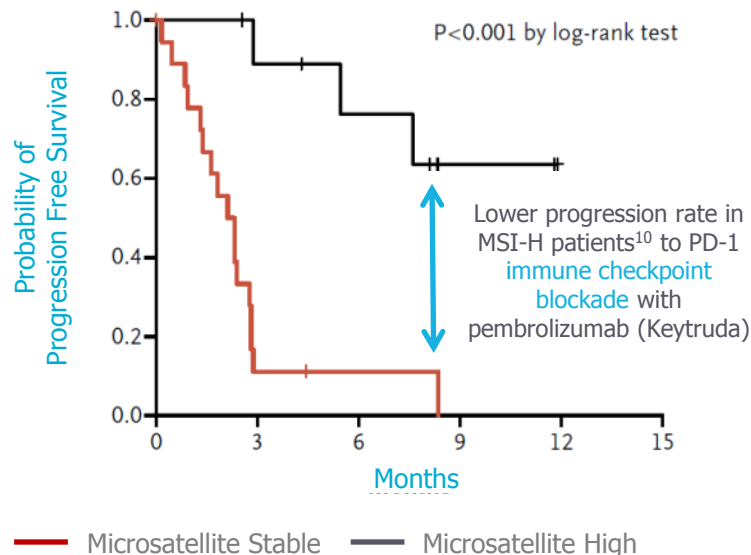
Idylla™ MSI test initially positioned as prognostic biomarker for colorectal cancer

# Extending scope of Idylla™ MSI test to immunotherapy

## Potential to predict immunotherapy response

- Immunotherapies for oncology are shown to have a positive impact on long term survival, especially in combination with targeted oncology therapies
- Immunotherapies focus on fighting cancer cells via the body's immune system and consist of 3 major approaches:
  - Cancer vaccination
  - CAR-T-cells (manipulation of immune system to recognize and attack cancer)
  - **Immune checkpoint blockade** (blocking ability cancer cells to downregulate activity immune system)
- Recent data show that a tumour's MSI status may predict a patient's response to certain immunotherapies
- Scope of the Idylla™ MSI test will be broadened to capture expected value of MSI for predicting response to certain immunotherapies

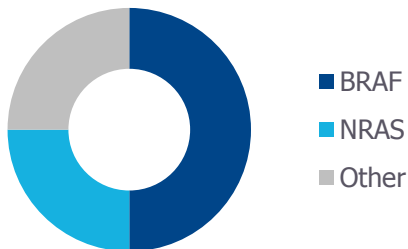
## Study example (Le et al, NEJM 2015)



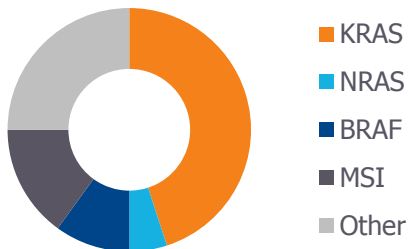
# Idylla™: first line testing and gateway to NGS in oncology

## Gene alterations\*

Melanoma



Colon



## Idylla™ positioning

- Idylla™ solid and liquid oncology menu **guides treatment decisions for majority of cancer patients**:
  - Focus on comprehensive panels for actionable biomarkers (linked to gene alterations)
  - Fully automated and fast turnaround times
  - Enables rapid triaging and same-day treatment
- Comprehensive **genome profiling techniques** like next-generation sequencing (NGS) to be used for detection of less common alterations that can guide alternative treatments or off-label use
- **Challenges NGS** to be overcome before widespread clinical use:
  - Complex batch-based workflows and high costs
  - Lack of standardisation can lead to wrong treatment decisions, similar to classical qPCR-based testing\*\*

# NGS sample and library preparation revisited

typical NGS workflow

sample prep

NGS library prep

sequencing



- Isolate genomic material from clinical sample
- Quantify genomic material via qPCR

hands-on  
TaT\* 2.5h  
5h



- Target amplification via PCR
- Indexing and tagging via PCR
- Purification

3.5h  
7h



- Pool libraries
- Sequencing
- Data analysis

4  
#labs

6  
#auxilliary  
devices

6h  
hands-on

3  
#PCR  
reactions

18  
#samples/  
batch

12h  
Turnaround  
time

## Full NGS prep summary



### Idylla™ NGS Prep Panels:

- Standardisation and automation of key sample and library preparatory steps
- Any sample type
- Reduction of total hands-on and turnaround time of 50%-75%\*\*

# Sample to result for every patient



- Idylla™'s comprehensive panels for most commonly mutated genes guide treatment decisions for the **majority** of cancer patients
- For those cancer patients with more complex genomic alterations, Idylla™ NGS Prep Panels function as a **gateway** to comprehensive MDx testing
- Like for qPCR-based testing, Idylla™ offers the opportunity to **revolutionise NGS workflows** by:
  - Standardisation
  - Automation
  - Shorter time-to-results

# Update on infectious disease menu

- Idylla™ sepsis test and the workflow automation have been further improved in 2015, initial launch of the Idylla™ sepsis test is now scheduled for 2018
- Increased focus on development of highly multiplexed syndromic panels (e.g. Respiratory Mixed panel, Meningitis, Tropical Fever and Immunocompromised panels)
- Higher volume/lower priced tests to be launched at a later point in time to complete Idylla™ test offering

# Every 3<sup>rd</sup> heartbeat someone dies of sepsis<sup>1</sup>

## Background

- A severe inflammatory response to a bloodstream infection
- Associated with high mortality rates (nearly 50% in the event of severe sepsis)<sup>2</sup>
- Mortality increases by 7.6%<sup>3</sup> for each hour of delay of effective antibiotic therapy (in the first six hours)
- Requires immediate therapeutic intervention
- Average cost per episode of sepsis per patient in U.S. \$18,500 to \$33,900<sup>4</sup>

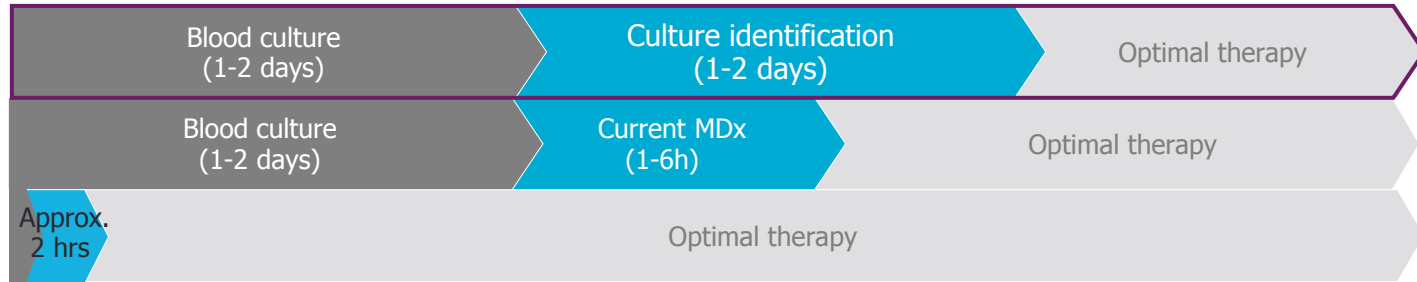


Clinical routine still based on empirical broad spectrum antibiotic therapy before identification of optimal therapy

Rapid and accurate diagnostic results are needed

# Solution for bloodstream infections (including sepsis)

Towards an integrated system delivering timely and actionable results



**Idylla™ Enrich:** selective enrichment of pathogen DNA **directly** from **10 ml of blood**

**Idylla™ Sepsis Test:** detection of **>15 most common pathogens** + several **key antibiotic resistance genes**

Total time to result around **2 hours**

Target LOD\* **1-10 CFU/ml**

Hands-on time **<5 min**

A further integrated solution reduces contamination risk

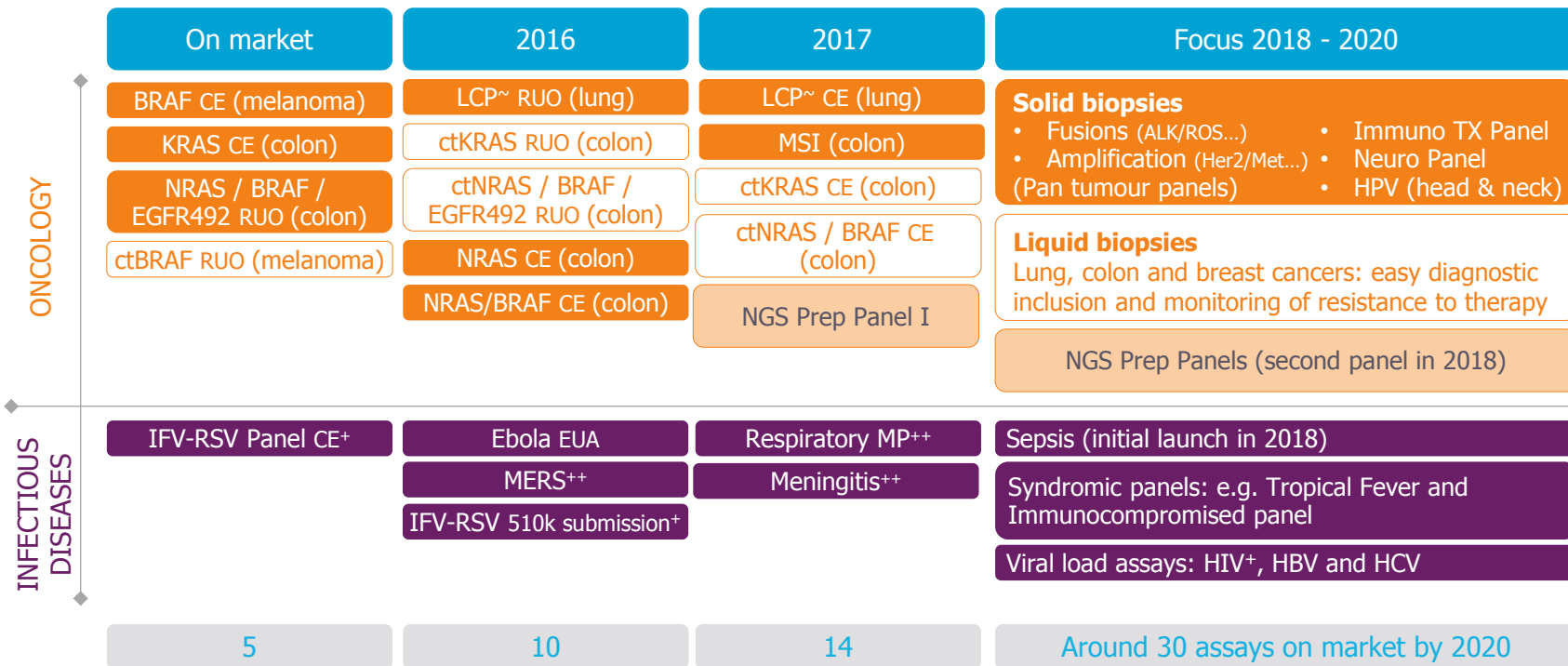




# Our diagnostic app store

Intention to launch at least 4 tests per year

Onco Solid Biopsy    Idylla™ Retrieve  
 Onco Liquid Biopsy    Infectious  
 # unique tests on market



CE = CE-marked tests. RUO = Research Use Only. EUA = Emergency Use Authorisation label + JnJ test ++ Fast-track Diagnostics development ~ LCP = lung cancer panel

Note: overview is subject to changes in prioritisation of test development driven by several factors such as commercial and operational considerations. Overview excludes regional expansion (as of 2017), life cycle management and potential partner tests.

# 2016 outlook and news flow

# 2016 outlook



Installed base of Idylla™ instruments end of 2016 of over 300 by adding 150-175 instrument placements

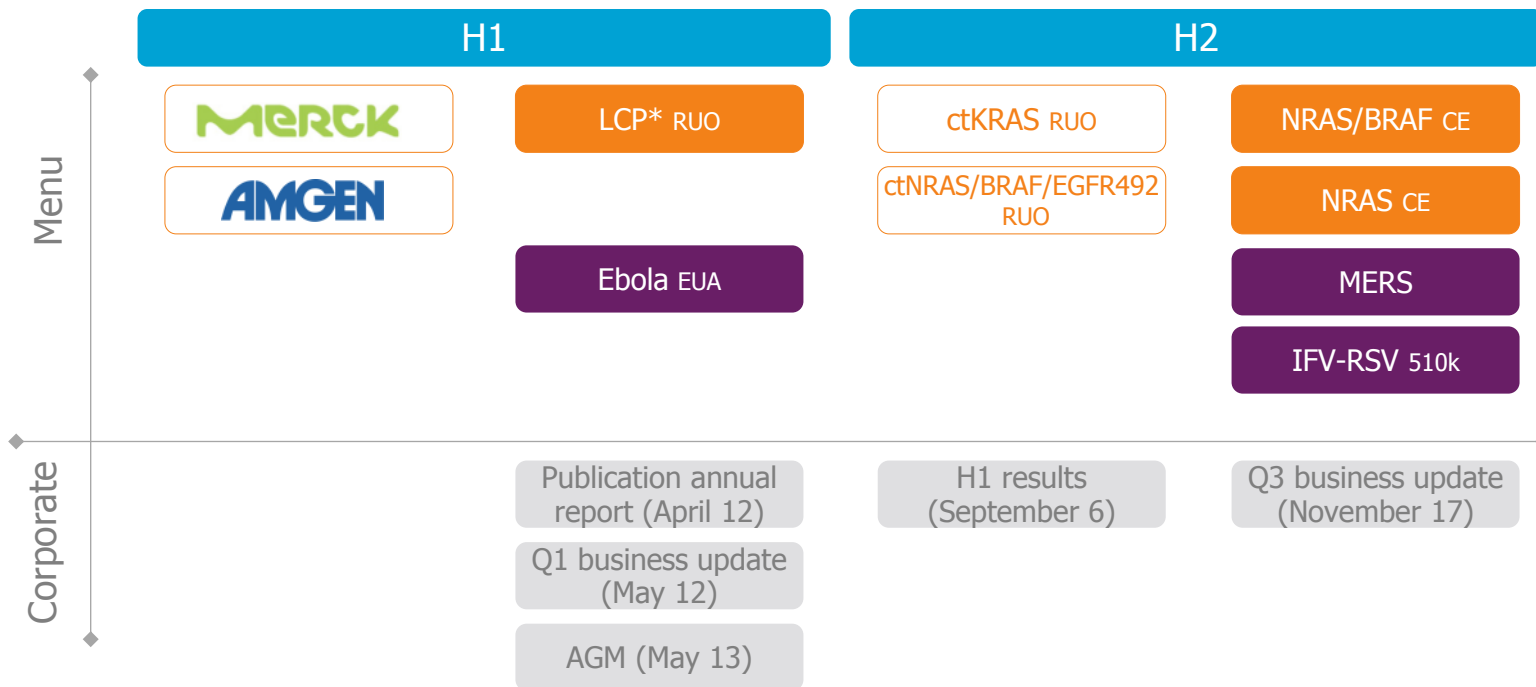


Launch of at least four new tests in 2016 to further expand its test menu for Idylla™



Biocartis targets a cash position by the end of 2016 in the range of EUR 45m to 55m

# Expected news flow for 2016



\* LCP = Lung Cancer Panel

# Biocartis company highlights



**NEXT GENERATION** diagnostic solutions improving clinical practice for the benefit of patients, clinicians, payers and industry



**COMMERCIAL STAGE** Idylla™ platform enabling high precision diagnostics for high precision medicine



**RAPIDLY EXPANDING** test menu addressing key unmet clinical needs in oncology and infectious diseases



**STRONG ENDORSEMENT** of key opinion leaders and leading pharmaceutical companies



**OPERATIONAL FOOTPRINT** in place to support commercial expansion



Q&A

# Contact

Biocartis Investor Relations  
Generaal De Wittelaan 11 B3  
2800 Mechelen  
Belgium

tel. +32 15 63 17 29  
[ir@biocartis.com](mailto:ir@biocartis.com)

[www.biocartis.com](http://www.biocartis.com)