IDT Workshops:

Advanced solutions for CRISPR & qPCR applications

Join us to :

- learn more about CRISPR genome editing & qPCR/genotyping solutions
- learn more about IDT's latest developments in order to improve performances in those areas
- have the opportunity to discuss with IDT's specialists and other users about your specific applications in those areas

See details in attachments

Date:	Time:	Location:
Monday, March 18, 2019	14:00–17:30	ULB, Campus du Solbosch

Presenters

Richelle Spanjers
FAM qPCR & Genotyping

Mirko Vanetti
FAM Functional Genomics

IDT® INTEGRATED DNA TECHNOLOGIES

seminar

Technical Tips in qPCR & dPCR: Assay design and Experimental Considerations

Richelle Spanjers

qPCR Fields Application Manager

Integrated DNA Technologies

Date:
Monday, March 18, 2019

Time:
14:00-15:30

Location:
Université Libre de Bruxelles
Salle Sommeville, Campus du Solbosch,
1er étage (bât S)
Avenue Jeanne
1050 Bruxelles

Register to attend:
14:00 : https://tinyurl.com/yyevbkxk

During this presentation you will learn about :

* Steps to a successful qPCR & dPCR experiment including:
  - Assay design criteria
  - Experimental design considerations
  - Methods of quantifications
* Use of internally quenched probes to increase assay sensitivity with novel internally quenched, 5' hydrolysis probes
* New RNase H2 enzyme-mediated PCR method to improve specificity in gene expression and genotyping studies. The method relies on cleavage of a 3'-blocked primer by the use of a RNase H2 enzyme which helps prevent primer-dimer artifacts and non-specific amplification.
* And it will be followed by an open discussion about your specific project in term of design, protocols, difficulties, ...)

QUESTIONS? I am here to help.

Ruelle Virginie

Regional Sales Manager (FR-BE-LU)

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Ceulemans Peter

Regional Sales Manager (BE-NL)

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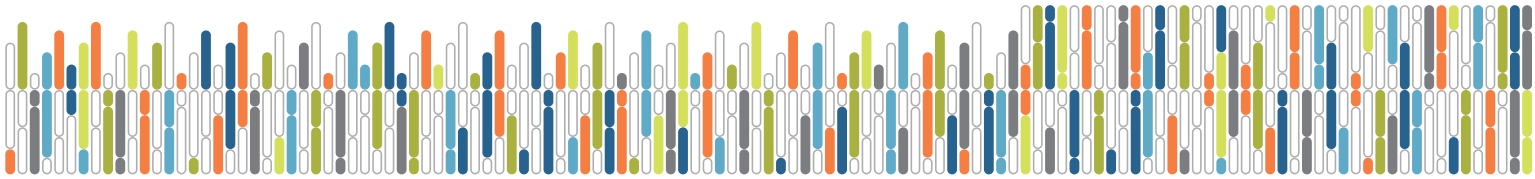
See what more we can do for **you** at **www.idtdna.com**.

IDT®
TEGRATED DNA TECHNOLOGIES



custom oligos • qPCR • next generation sequencing • RNAi • genes & gene fragments • CRISPR genome editing

seminar

Mitigating risk of off-target effects when using CRISPR genome editing

Mirko Vanetti,PhD

Functional Genomics EU Manager

Integrated DNA Technologies

Date:
Monday, March 18, 2019

Time:
16:00-17:30

Location:
Université Libre de Bruxelles
Salle Sommeville, Campus du Solbosch,
1er étage (bât S)
Avenue Jeanne
1050 Bruxelles

Register to attend:
16:00 : https://tinyurl.com/y4r6p2na

During this presentation you will learn about :

* Optimized strategies for CRISPR-Cas9 mediated genome editing, with emphasis on methods commonly used for delivery of guides RNAs and Cas9 as a ribonucleoprotein complex

* The risk of off-target effects (OTEs): how to find and measure the frequency of OTEs including discussion of bioinformatic screening for OTEs and methods for unbiased CRISPR OTEs detection

* Recent developments in CRISPR research, including a novel mutant Cas9 protein that has been evolved to reduce off-target gene editing while maintaining on-target potency

And it will be followed by an open discussion about your specific project in term of design, protocols, difficulties, …)

QUESTIONS? I am here to help.

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