



UNIVERSITE  
PARIS DESCARTES

*Les Sciences de l'Homme et de la Santé*

## Talks and Lectures

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### ***TRAM People to be presenting in forthcoming conferences and seminars***

EMBL Liquid Biopsy virtual Course 2021

Symposium on 'Biotechnology and Health Sciences' at the Toulouse Biotechnology Institute, France

SelectBIO Lab-on-a-Chip and Microfluidics 2021 Conference, Coronado Islands, US

17th annual meeting of the Cancéropole Grand Sud-Ouest, Carcassonne, France

3rd Annual Digital PCR Congress, Oxford Global, London, UK

8th Annual qPCR & Digital PCR Congress, Global Engage, London UK

### ***Previous conferences, workshops and seminars (2010-2021, selection)***

**2021.**

**MicroTas 2021 (Hybrid conference, Virtual presentation), Workshop on Liquid Biopsy, Palm Spring, US, 10-18 Octobre 2021.** Title: "Droplet-based digital PCR for cancer research: Application for cancer patient follow-up."

**Lab-on-chip and Microfluidics Europ 2021 (SelectBio). June 28-30 2021. Rotterdam. Hybrid conference (Virtual presentation).** Title: "Droplet-based microfluidics for cancer research: Application for cancer patient follow-up."

**MarketsandMarkets qPCR and dPCR Virtual conference. April 2021.** Title: "Potential application of digital PCR in clinics : from sample quality analysis to cancer patient follow-up."

**Digital PCR online – Frontlines genomics- March 2021. Title: "Developing strategies to ensure reliability of ctDNA results for clinical applications."**

**2020.**

**Genomics Live 2020, 10-12th November 2020, Basel, Switzerland.**

**7th qPCR & Digital PCR Congress, Global engage conferences, Virtual conference, 8-9 October 2020.** Title: "Developing strategies to ensure reliability of ctDNA results for clinical applications",

**Liquid Biopsy ONLINE series - Isolating rare events in blood- Online webinar Frontline genomics, 8-9 October 2020.** Title: "Developing strategies to ensure reliability of ctDNA results for clinical applications".

**MicroTas 2020 Liquid Biopsy workshop. MicroTas 2020, 3-4 October 2020, virtual meeting.**

**Liquid Biopsy symposium, Frontline genomics, 01 october 2020, virtual meeting.**

**Lab-on-a-Chip and Microfluidics Europe 2020, 7-9 of September 2020, Rotterdam, The Netherlands.** Title: "Droplet-based microfluidics for cancer research."

**EMBL course on digital PCR, Heidelberg, Germany, 14-19 September 2020.** Title: "Clinical validations of droplet-based digital PCR procedures in the context of liquid biopsies."

**2019.**

**Genomic Live conference, 4-5th December 2019, Basel, Switzerland.**

**Digital PCR congress, SynGen Series UK, 7th – 8th November 2019, Novotel London West Hotel, London, UK.** Title: "Use Of Digital PCR For Cancer Patient Follow-Up."

**SelectBio 2019 Circulating Biomarkers, Exosomes & Liquid Biopsy Europe Conference, Rotterdam, The Netherlands.**

**EMBL course on digital PCR, Heidelberg, Germany, 27-29 Septembre 2019.** Title: "Use of digital PCR for cancer patient management: how recent technical developments have allowed to envision broad applications in clinics."

**SelectBio 2019 Circulating Biomarkers, Exosomes & Liquid Biopsy Europe Conference, Rotterdam, The Netherlands.** Title: "Tracking Circulating DNA for Cancer Patient Follow-Up."

**Valerie Taly in the Digital PCR congress, SynGen Series UK, 7th – 8th November 2019, Novotel London West Hotel, London, UK.** Title: "Use of digital PCR for Cancer Patient Follow-Up: example of colorectal cancer"

**Valerie Taly in the Genomic Live conference, 4-5th December 2019, Basel, Switzerland- Session Chair/** Speaker, title: "Tracking circulating tumor DNA for cancer patient follow-up: example of colorectal cancer"

**Valerie Taly in EMBL course on digital PCR, Heidelberg, Germany, 27-29 Septembre 2019.** Title: "Use of digital PCR for cancer patient management: how recent technical developments have allowed to envision broad applications in clinics."

**Valerie Taly in IPGG/Sanofi Summer School Microfluidics for health: from science to business 2019, Paris, 26-30 Aout 2019.** Title: "Droplets for cancer."

**Valerie Taly in Gastro Education conference 2019, Tokyo, Japon, 17-19 Juin 2019.** Title: Droplet-based digital PCR procedures and optimized NGS to track circulating tumor DNA in liquid biopsies: application to colorectal cancer patient follow-up.

**Valerie Taly in the Histiocytosis and targeted therapies congress, Paris, France, 6th April 2019. Round table, title:** "Toward a consensus for bio monitoring Braf load in the blood, urine, bone marrow as a surrogate marker."

**Valerie Taly in the 14th Annual Biomarkers Congress, Manchester, GB, Feb. 2019.** Title: "How Has Technological Developments Allowed Us To Perform Biomarker Detection For Cancer Patient Follow Up? "

**Valerie Taly in the International conference on recent advances in interdisciplinary trends in engineering and applications, RAITEA, Indore, Inde, 14-17 Feb. 2019.** Title: "Droplet-based microfluidics for cancer research."

**Valerie Taly in the International conference of the Society for Laboratory Automation and Screening (SLAS2019), Washington, USA, 2-6 feb. 2019. Panel chair, selection committee and speaker.** Title: "Single cell analysis in microfluidics for cancer research."

**2018.**

**Valerie Taly in the SFSPM Congress, Avignon, 7-9 November 2018.** Title: "NGS and digital PCR for the analysis of ctDNA for cancer patient follow-up : Applicability to breast cancer."

**Valerie Taly at Exosomes and Liquid biopsies Europe 2018, Rotterdam, The Netherlands, October 2018.** Title: "Clinical validations of droplet-based digital PCR procedures in the context of liquid biopsies."

**Valerie Taly in the Workshop 'Microfluidics for synthetic Biology and health applications' (GDR BioSynSysn/ITMO BMSV), Bordeaux, FR, 7-8 December 2018.** Title: "Droplet-based digital PCR: from the lab to the clinics. How recent technical developments have allowed to envision broad applications in clinics."

**Valerie Taly in the EMBL Course- Digital PCR, Heidelberg, Germany, 27-29 November 2018.** Title: "Use of digital PCR for cancer patient management: how recent technical developments have allowed to envision broad applications in clinics."

**Valerie Taly in the EMBL Course- Liquid Biopsy, Heidelberg, Germany, 15-20 October 2018.** Title: "Clinical validations of droplet-based digital PCR procedures in the context of liquid biopsies."

**Valerie Taly in the Next Generation Dx Summit, Washington DC, 20-24 August 2018.** Title: "Circulating tumor DNA as prognostic and predictive marker in colon, lung and pancreatic cancer."

**Gabriele Pitingolo in the 2nd YOUNG SCIENTIST WORKSHOP from basic science to clinical applications "Aula Scarpa", University of Pavia, 19th-21st June 2018.** Title: "Mimicking complex 3D tumor microenvironment on chip."

**Valerie Taly in the MTCI Doctoral School days, Paris, FR, 21-22 June 2018.** Title: "Droplet-based microfluidic for cancer research"

**Shufang Wang-Renault** in the 11th International Symposium on Minimal Residual Cancer, May 3-5, 2018; Le Corum MONTPELLIER, FR, Title: "Evaluation of quantitative size distribution of ccfDNA as a monitoring marker in oncology" (authors: SF. Wang-Renault, S. Garrigou, F. Garlan, A. Boutonnet-Rodat, MJ. Carrillon, J. Pacelli, D. Pietraz, A. Didelot, AS. Bats, JB. Bachet, H. Blons, A. Zaanani, F. Ginot, P. Laurent-Puig, V. Taly.)

**Roberta Menezes in the MicroNanoFluidics Conference, Grenoble, FR. Poster & Flash Presentation.**

**Gabriele Pitingolo in the HTE Program Workshop : Organoïds & 3D cultures (Hospital Saint Louis in the Musée des Moulages, Paris, FR), 16 May 2018.** Title: "Bioengineering of microfluidic platforms for 3D tumor microtissues."

**Valerie Taly in the Molecular Diagnostics Europ conference, Clinical Application of cell-free DNA. Lisbon, Portugal, 21-22 May 2018.** Title: "Tracking ctDNA for cancer patient follow up."

**Valerie Taly in the Molecular Diagnostics Europ conference, Clinical Enabling technologies for cell-free DNA. Lisbon, Portugal, 23-24 May 2018.** Title: " Use of digital PCR and optimized NGS for cell free tumor DNA analysis."

**Valerie Taly in the CCQM ddPCR workshop 2018. Paris, FR, 18 April 2018.** Title: "Droplet digital PCR for the follow up of patients with advanced colorectal cancer."

**Valerie Taly in the 3rd Liquid Biopsy Symposium. Santiago, Spain. 25-27 January 2018.** Title: "Applications of Droplet-Based digital PCR."

**2017.**

**Valerie Taly in the 4BIO summit Europe. 5th qPCR and Digital PCR Congress – 4th-5th December 2017, London, UK.**

Title: "Droplet-based digital PCR for the clinical follow-up of cancer patients."

**Valerie Taly in the Rendez vous valo SATT IdF Innov. 22 Nov. 2017.** Title: "Microfluidique digitale pour le suivi des patients atteints de cancer."

**Gabriele Pitingolo in the NanoBioTech 13 November 2017, Montreux. Oral flash and poster.** Title: "A reversibly sealed microfluidic platform for 3D tumor microtissue formation and drug screening."

**Roberta Menezes in the NanoBioTech Montreux Conference, Switzerland.**

**Valerie Taly in the EMBL Course- Liquid Biopsy, 9 - 13 Oct 201, Heidelberg, Germany.** Title: "Clinical validation of droplet-based procedures in the context of liquid biopsies (Lecture)."

**Valerie Taly in the Personalized Cancer Treatment meeting, Bergen 2017, 28-29 Sept. 2017. Bergen, Norway.** Title: "Circulating tumor DNA for cancer patient follow up."

**Gabriele Pitingolo in the Flow17 Conference France, Paris, 3-5 July 2017. Poster.** Title: "Magnetic assisted bonding of microfluidic chip for cell culture and tissue engineering."

**Valerie Taly in the Institut Cochin/JC Dreyfus meeting, Paris, FR**

**Roberta Menezes in the Microscale Affairs Seminar, Institut Pierre-Giles de Gennes (IPGG), Paris.**

**R o b e r t a M e n e z e s i n**  
**IFLS Conference, Precision Cancer Medicine: Forefront Technologies at the Clinical Interface at the University of Southampton**

**Valerie Taly in the Precision Cancer Medicine: Forefront Technologies at the Clinical Interface, Southampton, UK**

**Valerie Taly in the Porto Cancer Meeting, 11-12 May 2017, Porto, Portugal**

**Valerie Taly in the Single cell genomics ICM workshop, ICM, Paris, FR**

**Valerie Taly in the Statistical Challenges in Single-Cell Biology workshop, April 30 to May 5, 2017, Ascona, Switzerland.** Title: "Droplet-based microfluidics for single cell and single molecule analysis."

**Valerie Taly in the qPCR dPCR & NGS 2017 event, 3 - 7 April 2017, Freising, Germany.** Title: "Droplet based digital PCR for cancer patient follow-up."

**Valerie Taly in the ELRIG's Research and Innovation (R&I) Conference, March 29-30 2017, Cambridge, UK.** Title: "Droplet-based microfluidics: towards a new tool for cancer research."

**2016.**

**Valerie Taly in the Precision medicine based on liquid biopsies "from detection to dissection" symposium, 15 -16 September 2016, Granada, Spain.** Title: "Droplet based digital PCR for cancer patient follow up."

**Valerie Taly in the Diagnostics Summit 2016 - Circulating Biomarkers for Liquid Biopsy Development and Companion Diagnostics, 13th-14th October 2016, Singapore. Invited Speaker.** Title: "Digital PCR for cancer patient follow up."

**Fanny Garlan the 4th qPCR & Digital PCR Congress, 20-21 October, , London, UK. Invited Speaker.**

**Valerie Taly in the 4th Annual Single Cell Analysis Congress 2016, 10 -11 November 2016, London, UK.** Invited Speaker. Title: "Droplet based microfluidics for single cell analysis."

**Valerie Taly in the NanoBio Surfaces and Interfaces in Healthcare and Science Event, 27-28 September 2016, Twente, NL.** Invited Speaker. Title: "From droplet-based microfluidics to digital PCR : The development of a new tool for cancer patient follow-up."

**Valerie Taly in the Precision medicine based on liquid biopsies "from detection to dissection" symposium, 15 -16 September 2016, Granada, Spain.** Invited Speaker. Title: "Droplet based digital PCR for cancer patient follow up"

**Valérie Taly at qPCR and Digital PCR Congress USA- 11-12 July 2016 in Philadelphia, USA.** Invited Speaker. Title: " Droplet digital PCR, liquid biopsies and patient follow-up"

**Valérie Taly in the IC-ANMBES 2016 conference- June 2016, Brasov, Romania.** Invited Speaker. Title: "Microfluidics for cancer research"

**Valérie Taly in the Molecular Dx Europe meeting- April 2016, Lisbon, Portugal.** Invited Speaker. Title: "Using Droplets to Highlight and Follow Cancer Genetic Markers"

**Ouriel Caën and Mani Sai Suryateja Jammalamadaka at Microfluidics 2016 - July 24-26, 2016 in Heidelberg- Germany.** Poster.

**Roberta Lima de Castro Menezes at Precisions Medecine: Engineering Solutions for Cancer, Imperial College- July 14-15 2016 in London, UK.** Poster.

**Valerie Taly at Biopathology symposium. 19-20 June 2014 in Paris, FR.** Invited Speaker. Title: "Picoliter droplet digital PCR for cancer research."

**Valérie Taly in the 2nd qPCR & Digital PCR Congress - 20-21 October 2014 in London, UK.** Invited Speaker.

**2015.**

**Valérie Taly at Journées Onco-pharmacologie, Institut Cochin, 4th December 2015, Paris, France.** Invited Speaker. Title: "Détecter et quantifier l'ADN tumoral circulant pour le suivi des patients atteints de cancers"

**Valérie Taly at dPCR conference - 2-3 November 2015 in San Diego, US.** Invited speaker. Title: "Tracking circulating tumor DNA using Picoliter droplet-based digital PCR."

**Valérie Taly at Microfluidics - 20-21 october 2015 in London, UK.** Invited speaker. Title: "Picoliter droplet-based microfluidics for cancer research: from the detection of low frequency KRAS subclones within tumors to the analysis of liquid biopsies."

**Valérie Taly at Biotechnica 2015, Personalized medicine and its impact in the Clinic, - 7-8 October 2015 in Hanover, Germany.** Invited speaker. Title: "Picoliter droplet-based digital PCR for cancer patient follow-up."

**Valérie Taly at NanoBlood conference, 6 July 2015, Paris, France.** Invited speaker. Title: "Droplet based microfluidics to follow cancer genetic marker in the blood."

**Valérie Taly at qPCR and digital PCR congress USA- 25-26 June 2015 in San Diego, US.** Invited Speaker. Title: "Monitoring circulating tumor DNA using picoliter droplet based digital PCR."

**Valérie Taly at Festival of genomics Boston 2015, Raindance Technologies Workshop- June 2015, Boston, US.** Title: "Picoliter Droplet-Based Digital PCR for the Quantitative Analysis of Circulating Tumor DNA for Cancer Patient Follow Up."

**Valérie Taly at Colloque DIM analytics " La miniaturisation des mesures : quels espoirs, quels challenges ?"- 17th April 2015, Paris, France.** Invited speaker. Title: " PCR en microcompartiments : intérêt pour la recherche clinique."

**Valérie Taly at Molecular Diagnostics Europ conference- 15-16 April 2015, Lisbon, Portugal.** Invited speaker. Title: "Droplet-Based Digital PCR for the Quantitative Analysis of Circulating Tumor DNA for Cancer Patient Follow Up."

**Valérie Taly at Extracellular Markers summit- 19-20 March 2015, Cambridge, US.** Invited speaker. Title: "Picoliter Droplet-Based Digital PCR and microRNA Quantification."

**2014.**

**Fanny Garlan at Nano Bio Tech Montreux- November 17-19 2014 in Montreux- Switzerland. Oral Presentation.**

**Ouriel Caën at MicroTas 2014 - October 26-30, 2014 in San Antonio - US. Oral Presentation.**

**Valérie Taly in the 2nd qPCR & Digital PCR Congress - 20-21 October 2014 in London, UK. Invited Speaker.**

**Ouriel Caën & Valerie Taly at Fluigent workshop on microfluidic - June 13th 2014, at Fluigent Headquarters, Villejuif, France.** Technical seminar (Droplet based microfluidic for biology- Benefits of pressure driven flow).

**Ouriel Caën at GDR Micro Nano Systèmes-Micro Nano Fluidique - July 7-8, 2014 at Ecole Polytechnique, Palaiseau - France. Oral Presentation.**

**Valerie Taly at Biopathology symposium. 19-20 June 2014 in Paris, FR.** Invited Speaker. Title: "Picoliter droplet digital PCR for cancer research."

**Valerie Taly at 5th International Conference on Biomarkers and Clinical Research - April 15-17, 2014 in University of Oxford, St Hilda's College - UK.** Invited Speaker. Title: "Tiny droplets to detect cancer biomarkers."

**Valerie Taly in the Advances in qPCR & dPCR conference - 14-15 May 2014 in Barcelona, Spain.** Invited Speaker. Title: "Droplet digital PCR as a new tool for cancer research."

**Valerie Taly in the Molecular Medicine Tri conference 2014 - 9-14 February 2014 in San Francisco, USA.** Invited Speaker. Title: "Picoliter Droplet-Based Digital PCR for Molecular Diagnostics"

**Valerie Taly at Circulate Europe - 18-20 february 2014 in Berlin, Germany.** Invited Speaker. Title: "On the Journey to Personalised Follow ups: Using Circulating Tumour DNA in Colorectal Cancer Patients." **Additional authors: Aziz Zaanani, Hélène Blons, Audrey Didelot, Géraldine Perkins, Nadejda Rice, Fanny Garlan, Philippe Nizard, Julien TAIEB and P. Laurent-Puig.**

**2013.**

**Jean-François Bartolo** presented a poster (and flash presentation) entitled "*Peptide Nucleic Acid Fluorescent Probes for Detection of Specific Biomarkers for Digital Microfluidic System.*" in **Nanobiotech Montreux - 18-20 novembre 2013** – co-authors: Patel, H., El-Harrack, Z., Garrigou, S., Nizard, P., Specht, A., Ladame, S. & Taly, V.

**Valerie Taly in the Journées Internationales de Biologie- 13-15 November 2013 in Paris, France.** Invited Speaker. Title: "L'apport de la microfluidique à la PCR numérique dans la détection des biomarqueurs."

**Deniz Pekin** (now post-doctoral researcher in Dr J-C. Baret's group) presented a poster entitled "Detection and quantification of minority *KRAS* subclones in tumors using droplet-based microfluidics: clinical implication." in **MicroTas 2013 (27-30th of October 2013) in Freiburg, Germany.**

**How Digital PCR Simplifies Screening for Multiple Cancer Biomarkers.** Taly, V. Invited Raindance Digital PCR webinars, 16th October 2013.

**Droplet-Based Microfluidics as a Tool for Personalized Medicine.** Taly V. Invited Speaker. *Digital PCR conference*, 7-9 October 2013, San Diego, USA.

**Detection of low frequency alleles in patient samples by digital PCR.** Taly V. Invited Speaker. *qPCR and digital PCR congress*, 9-10 September 2013, Lyon, France.

**Formation and control of monodisperse liquid crystals droplets in microfluidic channels.** Malika Belloul, Valérie Taly and Abdel I. El Abed. Oral Presentation. *16 ème conférence sur les systèmes anisotropes auto-organisés (CFCL13)*, 3-6 September 2013, Strasbourg, France.

**Real-time detection and analysis of whispering gallery mode resonances in fast flowing monodisperse liquid crystal microdroplets into a microfluidic channel.** Abdel I. El Abed and Valérie Taly. Oral presentation. *Optofluidics 2013 conference*, Hong Kong, 15 –17 August 2013.

**Microfluidics, Cancer and Directed Evolution.** Caen, O. *Seminar*. Interdisciplinary Fridays, Center for Research and Interdisciplinarity, Paris. France. June 14 2013.

**Droplet-based microfluidics for cancer biomarker screening.** Taly, V. Invited Speaker. *Société de pharmaco-toxicologie cellulaire (SPTC) annual conference*. Chatenay-Malabry, France. June 6-7 2013.

**Droplet-based microfluidic for cancer research: Applications for personalized medicine.** Taly, V. Invited Seminar. *Microfluidique, MEMS, Nanostructures (MMN group)*, Gulliver Lab, ESPCI. Paris. France. May 21 2013.

**Droplet-based microfluidic for cancer research: Applications for personalized medicine.** Invited Seminar. *Microfabrication and cell biology club*. May 3rd 2013.

**Détection très haut débit de biomarqueurs fluorescents dans des microgouttelettes.** A. I. El Abed. Plenary Speaker. *8ème Journées d'Optique et du Traitement de l'Information (JOTIM' 2013)*, Meknès-Maroc, April 9-10 2013.

**Droplet-based microfluidic for cancer research: Applications for personalized medicine.** Taly, V. Oral communication. *qPCR and NGS 2013 event*. Freising, Germany. 18-22 march 2013.

**Microdroplets for High-throughput screening of biological and chemical reactions : towards the development of new procedures for cancer research.** IMTCE Seminar. Paris. January 2013.

**2012.**

**Picoliter droplet-based digital PCR for the quantitative and sensitive detection of rare mutations and the assessment of DNA integrity.** Pekin, D., Didelot, A., Kotsopoulos, S.K., Baret, J.-C., Le Corre, D., Hutchison, B., Link, D.R., Laurent-Puig, P., Griffiths, A. D. and Taly, V. Oral communication by D. Pekin. *3rd European Conference on Microfluidics - Microfluidics 2012 - Heidelberg*, December 3-5, 2012

**High-throughput production of size and frequency controlled monodisperse liquid crystals droplets using voltage-based microfluidics.** Abdel El Abed. Invited Speaker. *El Jadida, Morocco*. December 5-7 2012.

**Detection of cancer biomarkers in microdroplets.** Taly, V. Invited Speaker. *The International Conference for Micro & Nanotechnologies for the Biosciences, NanoBioTech-Montreux*, Switzerland. November 12-14 2012.

**Quantitative detection of circulating tumor DNA in plasma samples by droplet digital PCR.** Pekin D., Kotsopoulos S., Xinyu L., Atochin I., Gang H., Le Corre D., Benhaim L., Hutchison J. B., Link D. R., Blons H., Laurent-Puig P. and Taly V. Oral

communication by V. Taly. The 16th International conference on miniaturized systems for Chemistry and Life Science (MicroTas 2012). Oct. 28- Nov. 1, 2012. Okinawa. Japan.

***Droplet-based Microfluidics for the Highly Sensitive Detection of Cancer Biomarkers in Biological Samples.*** Taly, V. Invited Speaker. Euromediag International Convention, 5th July 2012. Montpellier. France.

***Tiny droplets to fight cancer.*** Taly, V. Invited Seminar. Laboratory for Photonics and Nanostructures (LPN), 5th June 2012. Paris. France.

***Droplet-based Microfluidics for the High Sensitivity Detection of Cancer Biomarkers in Biological Samples.*** Taly, V. Invited Speaker. Nano and Microfluidics conference. 30-31 May 2012. Hamburg. Germany.

***Tiny droplets to fight cancer.*** Taly, V. Invited Seminar. Institut Jacques Monod, Université Paris 7. 20th March 2012. Paris. France.

***Droplet-based microfluidics for biological applications: From enzymatic screening to biomarker analysis.*** Taly, V. Invited Seminar. Twente University. 6 February 2012. Enschede. Netherland.

#### **2010-2011.**

***Multiplex highly sensitive detection of Cancer Biomarkers in biological samples.*** D. Pekin, S. Kotsopoulos, H. Gang, Q. Zhong, J-C. Baret, D. Le Corre, A. El Abed, J. B. Hutchison, D. Link, J. Larson, A. Griffiths, P. Laurent-Puig and V. Taly. Oral communication by V. Taly, invited by Raindance Technologies. Association of Molecular Pathology (AMP) 2011 Annual meeting workshop. 19 November 2011, Dallas, US.

***How microdroplets could help fighting Cancer.*** Invited Speaker. Scientific days of the Ecole Doctorale Biologie-Santé Nantes (France). 8 November 2011. Sable d'Olonne. France.

***Emulsion PCR in microfluidics for the quantitative detection of rare mutations: Towards an application in cancer diagnostics.*** D. Pekin, Y. Skhiri, J-C. Baret, D. Le Corre, L. Mazutis, C. Ben Salem, A. El Abed, J. B. Hutchison, D. Link, J. Larson, A. Griffiths, P. Laurent-Puig and V. Taly. GDR 2825- New Approaches in Protein Directed Evolution. October 11-12th 2011. Ax-les-thermes, France.

***Multiplex highly sensitive detection of Cancer Biomarkers in biological Samples.*** D. Pekin, Y. Skhiri, J-C. Baret, D. Le Corre, L. Mazutis, C. Ben Salem, A. El Abed, J. B. Hutchison, D. Link, J. Larson, A. Griffiths, P. Laurent-Puig and V. Taly. Oral communication by V. Taly. MicroTas Conference. 2-6 October 2011. Seattle. USA.

***Quantitative detection of rare mutations using droplet-based microfluidics.*** Taly V. Oral communication by V. Taly. Interbio Scientific Workshop. Microfluidics, from single molecule to cell biology. June 29th 2011. Institut Européen de Chimie et Biologie. Bordeaux, France.

***Emulsion PCR in microfluidics for the quantitative detection of rare mutations: Towards an application in cancer diagnostics.*** D. Pekin, Y. Skhiri, J-C. Baret, D. Le Corre, L. Mazutis, C. Ben Salem, A. El Abed, J. B. Hutchison, D. Link, J. Larson, A. Griffiths, P. Laurent-Puig and V. Taly. Oral communication by V. Taly. Micro- and Nano-fluidic GDR. May 23-25th 2011. Lyon, France.

***Droplet-based microfluidic for the quantitative detection of rare mutations.*** Pekin, Y. Skhiri, Baret, J.-C., Le Corre, D., Mazutis, L., Ben Salem, C., El Abed, A., Hutchison, J.B., Link, D.R., Griffiths, A.D., Laurent-Puig, P. and Taly, V. Invited Speaker. MicroTas Conference. 4-7 October 2010. Groningen. Netherlands.

***Tiny droplets for single-cell analysis: From enzymatic screening to cell sorting.*** Lorentz workshop "micro- and nanofluidics for cell biology". Invited Speaker. 17-22 January 2010.

