



INVITATION TO ATTEND CHIPS4LIFE FINAL WORKSHOP 29 JUNE 2015

The final workshop of the EC-funded FP7 project Chips4Life will take place from 9am-6pm on the 29th of June 2015 at the CHU de Liège, Belgium. Chips4Life aimed to develop a **multiplex diagnostic test** that will help clinicians to rapidly establish the agents responsible for a respiratory pathology in patients.

This final workshop aims to present the main results of this interdisciplinary project to an audience of approximately **80 participants** and demonstrate the different **techniques, technology and expertise required to produce and validate tests**, as well as the challenges met and how they were solved. The consortium's experts in **microfluidics, molecular biology and microbiological diagnosis** will provide an overview on how to conceptualize, develop and manufacture microfluidic chips for clinical applications. This workshop will act as a platform for **networking and discussions among domain experts in the areas of the project and students** (Bachelor's degree, Masters, Phd). For more information on the project: <http://www.chips4life.eu/>

Registration: Open to the first 80 participants to register. No fees required. Please register by the **12th of June 2015** at <http://goo.gl/forms/QLmAEJP7PJ>. For any questions or assistance with reserving a hotel, contact sinead.quigley@inserm-transfert.fr.

Students: travel costs may be reimbursed for a limited number of students on request.

WORKSHOP PROGRAMME	
Auditoire Jorissen (ground floor), Tour de Pathologie 2 (Bât B36 Pharmacie, CHU de Liège, Avenue de l'hôpital, 1, Sart Tilman, B-4000 Liège, Belgium)	
09.00 - 09.30	Registration and welcome coffee
09.30 - 09.40	Introduction <i>Prof. Pierrette Melin, Head of Medical Microbiology laboratory, University Hospital of Liège</i> <i>Dr Thierry Lecpliteux, CEO Coris Bioconcept, C4L Coordinator</i>
09.40 - 10.00	Overview of Chips4life project <i>Dr Thierry Leclipteux, CEO Coris Bioconcept</i>
10.00 - 10.20	Introduction to Respiratory Tract Infections and DNA technology <i>Prof. Margaretha Ieven, Head of Medical Microbiology at the University Hospital of Antwerp</i>
10.20 - 11.15	Introduction to microfluidics – from microfluidic functions to functional chips <i>Dr Emmanuel Delamarche, Research staff member, IBM Zurich research laboratory</i>
11.15 - 11.30	Coffee break
11.30 - 12.15	Conceiving and manufacturing polymeric chips <i>Dr Holger Becker, CSO microfluidic ChipShop</i>
12.15 - 12.30	Q&A Discussion
12.30 - 13.45	Networking lunch
13.45 - 14.15	Multiplex molecular diagnostic test on chip and detector: a demonstration <i>Dr Laëtitia Avrain, R&D Project Leader, Coris Bioconcept</i>
14.15 - 15.00	Syndromic-based diagnostics: technical challenges <i>Dr Guus Simons, CEO Pathofinder</i>
15.00 - 15.15	Coffee break
15.15 - 16.45	Validating the Chips4life test <i>Prof. Margaretha Ieven, Head of Medical microbiology at the University Hospital of Antwerp</i> <i>Prof. Pierrette Melin, Head of Medical Microbiology laboratory, University Hospital of Liège</i>
16.45 - 17.15	Syndromic-based diagnostics for LRTIs: a clinician's point of view
17.15 - 17.45	Discussion & conclusions

