

PERSONALIZED MEDICINE IN FRANCE MEETING MAJOR CHALLENGES

Creating a personalized medicine sector in France

Four major challenges to be met: human, technological, economic and political

PERSONALIZED MEDICINE IN FRANCE

Progress in genomics and growth in biotechnologies, synthetic biology, nanotechnologies and Big Data have given birth to novel possibilities in healthcare, grouped under the term "personalized medicine".

The ambition of this new field is no less than to hone diagnostics and tailor treatments for greater therapeutic efficacy. However, getting personalized medicine out of the research lab and into patients' lives requires a new view on not only medical practices but also healthcare structures.

To reach this goal, France must build upon its excellence in medical research and world-renowned healthcare system to resolve technological, organizational, and even economic and political challenges.

Genopole, a biocluster dedicated to innovation in life sciences, and Amgen, a pioneer in medical biotech, both leaders in their respective fields, are joining forces to unite elected officials, institutional representatives and healthcare professionals for a colloquium aimed at surpassing simple declarations of principle and identifying concrete levers for the creation of a personalized medicine sector in France.

Program

9:00 a.m. Introduction

Establishment of a conceptual framework to guide the day's discussions: definitions and precisions on vocabulary, presentation of public healthcare issues raised by genomics and personalized medicine.

Presentation of the colloquium's objectives by Fabrice Papillon, Journalist and Event Facilitator.

Speakers:

- Pierre Tambourin, Chief Executive of Genopole
- Pascal Sempé, Development Director, IBM Research Watson Group Europe

9:45 TEDx-style presentation

From research to treatment: How to innovate at each link in the value chain to make personalized medicine real.

Presentations followed by Q&A sessions.

Speakers:

- Frank Bellivier, Chief of Psychiatry, Saint-Louis, Lariboisière University Hospitals
- Jean-François Bergmann, Chief of Internal Medicine 1, Lariboisière Hospital

- Jean Monin, President, Amgen

10:30 Deploying a personalized medicine sector in France

Speaker:

- Yves Levy, President, Inserm. His mission for the deployment of a personalized medicine platform

Presentation followed by Q&A session

11:00 Break

11:30 Round Table #1

Theme: The four challenges of personalized medicine.

Presentation of the main challenges facing personalized medicine:

human - improving patient treatment and accompaniment; economic - industrializing individual sequencing; technological - producing, analyzing and managing data; political - financing and profoundly reforming healthcare structures to forward the sector.

Presentation followed by Q&A period.

Speakers:

- Agnès Buzyn, President of INCa: Cancer, a modelling pathology for personalized medicine

- Alain Claeys, National Assembly Deputy (political challenges)

- Isabelle Falque-Pierrotin, President of CNIL or Sophie Narbonne* Head of the CNIL Health Hub (societal and human challenges)

- Gérard Roucairol, president of Teratec

- Didier Tabuteau, State Councillor, Head of the SciencePo Health Chair and Co-Director of the Institut Droit et Santé (economic challenges)

12:30 p.m. Closing of the morning session by Thierry Mandon, State Secretary for Higher Education and Research

12:45 Lunch break

Networking in the Hall of the Grand Auditorium

2:15 Introduction

Theme: Organizing a personalized medicine sector in France

What needs to be done to refine techniques, consolidate means, involve all stakeholders and coordinate initiatives?

Speaker:

- Pierre Tambourin

2:45 International perspectives

Speaker:

- Sir John Chisholm, Executive Chair, Genomics England

3:30 Round Table #2

Theme: Economic and technological challenges

What needs to be done to accompany the evolution of technologies, industrialize sequencing at the national level and optimize the real-time management of health data for the well-being of patients?

Presentation followed by Q&A period.

Speakers:

- Bernard Courtieu, CEO, IntegraGen
- Jean-François Deleuze, Head of the Centre National de Génotypage
- Patrick Johnson, Vice-President, 3DS, Dassault Systèmes
- Pierre Laurent-Puig, Oncologist Biologist, Georges Pompidou European Hospital

4:30 Round Table #3

Theme: Political and human challenges

What needs to be done to synchronize public & private stakeholders and identify points of difficulty while defining the safety rules, regulatory standards and ethical imperatives that are vital to the respect of the liberty and dignity of patients?

Presentation followed by Q&A period.

Speakers:

- Christian Hervé, Professor of Medicine and Health Law, Paris V University
- Isabelle Hilali, Vice-President, Orange Healthcare
- Christian Saout, former President of the Collectif Interassociatif Sur la Santé (CISS)

5:30 Closing speech, Marisol Touraine,

Minister for Social Affairs, Health and Women's Rights

5:45 Closing Cocktail

** Speakers to be confirmed*

Responses must be postmarked before 2 December.

LAST NAME

PROFESSION

COMPANY

ADDRESS

E-MAIL

TEL.

Will attend the colloquium:

MORNING SESSION

LUNCH

AFTERNOON SESSION

COCKTAIL

ACCOMPANIED BY

REPRESENTED BY

Bibliothèque Nationale de France

Map

Suggested public transport access

- Bus 89, three stops possible:
 - É. Durkheim for the EAST entrance
 - Fr. Mauriac, or rue Aron for the WEST entrance

Be aware of steps

- Bus 62 or 64 (handicap accessible)
- Bus 132 or 325

- Metro line 6 = WEST entrance
escalators, stairways and elevators
- Metro line 14 (handicap accessible): EAST entrance
escalators, stairways and elevators
- RER line C: EAST entrance
Connection with Metro line 14 via escalator

Languages

Presentations will be in French or in English, with simultaneous interpretation available for both languages.

Location

Grand Auditorium of the Bibliothèque Nationale de France, François Mitterrand, Quai François-Mauriac (East hall entrance), Paris 13th arrondissement

For more information

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Inscription is free, but mandatory

<http://medecine-personnalisee.genopole.fr>
or using the attached form