

French-Swedish Research Day 2021
November, 15th, 2021

E-HEALTH:

Data, personalized medicine, genomics, artificial intelligence, radiology, urology, mental health, schizophrenia, language, societal and inequalities issues, computer assisted medical interventions



Aim: The French Embassy in Sweden organizes each year the French Swedish Research Day 2021. It is the opportunity for French and Swedish researchers to present and discuss their work and the challenges they face. It is also an opportunity to meet and find partners for future projects.

Date: Monday, November 15th, 2021.

Topic: E-Health

Sub-topics: Data, personalized medicine, genomics, artificial intelligence, radiology, urology, mental health, schizophrenia, language, societal and inequalities issues, computer assisted medical interventions

Institutions:

AVIESAN, Karolinska Institutet, Genomic Medicine Sweden, Göteborgs Universitet, INSERM, Health Data Hub, Paul Sabatier University (Toulouse III), Polytechnique, University of Lorraine, University of Paris, University of Rennes 1, ScilLifeLab, Uppsala Universitet

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Registration is mandatory:

https://us06web.zoom.us/webinar/register/WN_dX1DnDpaTmKb74DFVbUbdQ

Programme

Welcome words

- **9:45**
 - [Etienne de Gonneville](#), French Ambassador to Sweden

Keynotes : Personalized medicine

- **10 :00** – Genomics – The 2025 French Genomic Medicine Initiative
 - **Frédérique Nowak**, Coordinator of the 2025 French Genomic Medicine Initiative - INSERM
- **10:30** – Genomic Medicine Sweden – a national infrastructure for precision medicine
 - [Richard Rosenquist Brandell](#), Head of Genomic Medicine Sweden (GMS)

11:00 break

First session : Data and health : which challenges ?

- **11:15** : Biobanking and challenges with health care related data
 - [Anna Beskow](#), Head of section at UCR-Uppsala Clinical Research Center - Uppsala Universitet
- **11:30** : Towards proteome precision medicine -connecting genotype to phenotype in cancer
 - [Janne Lehtiö](#), Professor at Karolinska Institutet, Scientific Director of Science for Life Laboratory, board of Directors of Karolinska Comprehensive Cancer Center
- **11:45** : New practices related to big data in health : societal issues and impact on social inequalities in health
 - [Cyrille Delpierre](#), Researcher in the EQUITY team - Embodiment, social ineQualities, lifecoUrse epidemiology, cancer and chronic diseases, intervenTions, methodologY, CERPOP, UNM 1295, INSERM, Paul Sabatier University (Toulouse III)
- **12:00** : The Health Data Hub tackling the challenges of accessing to health data
 - [Emmanuel Bacry](#), Chief Scientific Officer at Health Data Hub, Chair holder at Prairie Institute, Senior Research Fellow at CNRS, Professor at Polytechnique

12:15 Break

Second session: IA and health : where do we stand?

- **13:15**: NLP Tools for Mental Health – French experience
 - [Maxime Amblard](#), Lecturer at University of Lorraine, head of the master in Natural Language Processing, Programming and Algorithms, Research Activities at Inria and LORIA : member of the Semagramme Team (Univ.of Lorraine, Inria, CNRS)

- **13:30** : IA and radiology
 - [Laure Fournier](#), Professor of Radiology, Hôpital Européen Georges Pompidou, Université de Paris
- **13:45**: NLP Tools for Mental Health – Swedish experience
 - [Ellen Breitholtz](#), [Robin Cooper](#), [Christine Howes](#), members of the linguistics, logic and Theory of Science unit at University of Gothenburg

Third session: Computer assisted medicine: from the virtual to the real world

- **14:00**: Automation in Surgery ? - How AI can help Decisions and Actions
 - [Pierre Jannin](#) – Head of the Inserm Research group MediCIS – Modeling Surgical Knowledge and Processes at University of Rennes 1
- **14:15**: The potential benefits of robotic surgery in prostate cancer
 - [Olof Akre](#) – Professor, senior consultant urologist, Dept of Pelvic Cancer, Cancer Theme, Dept of Molecular Medicine and Surgery, Karolinska University Hospital, Karolinska Institutet

Final words

- **14:30**
 - **Katerina Doytchinov**, Head of the French Institute in Sweden

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