IUIS Vaccine Committee (VAC)

IUIS council zoom meeting, 2020
Jury Members for Vaccine Prize

2019/20
- Isabelle Bekeredijan-Ding
- Rita Carsetti
- Joanne Flynn
- Jan Holmgren
- Ed Lavelle
- Winfried Pickl
- Hedda Wardemann
- Ursula Wiedermann
- Observer: Faith Osier and Philippe Denoel, Chair of Vaccines Europe Research Working Group

Information about the prize needs improvement as too few participants !!!
2020 Applications Overview

7 applicants from 5 different European countries

<table>
<thead>
<tr>
<th>Name</th>
<th>Country</th>
<th>Position</th>
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<tbody>
<tr>
<td>Adriana Tomic</td>
<td>UK</td>
<td>Fellow</td>
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<tr>
<td>Marichal Thomas</td>
<td>Belgium</td>
<td>Associate Professor</td>
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<tr>
<td>Rik de Swart</td>
<td>The Netherlands</td>
<td>Associate Professor</td>
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<td>Carolin Daniel</td>
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<td>Associate Professor</td>
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<td>Torben Knudsen</td>
<td>Germany</td>
<td>Young Group Leader</td>
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<td>Luka Cicin-Sain</td>
<td>Germany</td>
<td>Associate Professor</td>
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<tr>
<td>Biljana Bufan</td>
<td>Serbia</td>
<td>Assistant Professor</td>
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Winner: DR. PHIL. NAT. CAROLIN DANIEL
Member of the German Society of Immunology e.V. (DGfI)

Research topic: Mechanisms of Treg vaccination in autoimmune Type 1 diabetes

Next topic of Vaccine prize 2021 shall focus on COVID immunity and COVID vaccines!!!!!
Special Research Topic: „Challenges in Vaccinology“
Guest Editors: Ursula Wiedermann, Rita Csetetti, Ed Lavelle, Winfried Pickl

(1) Vaccination and public health:
   a. Challenges in vaccinology: from host and pathogen to systems vaccinology.
   b. Challenges in vaccinology in developing countries.
   c. Effects of migration on vaccine preventable infectious diseases.
   d. Communication with the public: how to conquer vaccine fatigue?

(2) Demographic changes and vaccines:
   a. Vaccine responses in pediatric patients, with a particular focus on neonates and premature infants.
   b. Influence of maternal vaccine-based immunity on pediatric immune responses.
   c. Vaccination efficacy and herd immunity.
   d. Nutritional status and vaccination efficacy.
   e. Vaccination in immuno-compromised patients (e.g., bone marrow transplant recipients; patients with primary immunodeficiencies; patients with chronic inflammatory diseases and patients on immunosuppression treatment).

(3) Challenges in vaccines against emerging and re-emerging infectious diseases:
   a. Influenza vaccines: one vaccine for all or influenza vaccines for certain age and risk groups?
   c. Malaria vaccines: measuring success rates and determining personalized / stratified approaches for vaccination programs.
   d. ZIKA/Chikungunya vaccines.
   e. Dengue vaccines.
   f. TB vaccines: new developments.

(4) Challenges towards developing vaccines for non-infectious cancers:
   a. Vaccines against allergies.
   b. Prophylactic and therapeutic vaccines against cancer.
Canceled due to COVID 19

ÖgVak Event
European Immunization Week

Challenges in Vaccinology:
from gaps in vaccine supply to urgent
vaccine developments (e.g. corona virus)

Chairs: Univ.-Prof. Dr. Wiedermann & Univ.-Prof. Dr. Holzmann

Please register until
10.04.2020 under office@oegvak.at
Position paper on COVID vaccination strategy plans in countries of VAC members

Prof Dr Jorge Kalil
Faculdade de Medicina
Universidade de São Paulo

Em 10 de nov de 2020, às (s) 15:04, Wiedermann-Schmidt Ursula, Univ.-Prof. Dr.med.univ. PhD <ursula.wiedermann-schmidt@meduniwien.ac.at> escreveu:

Dear VAC members, enclosed I am sending you information by the WHO regarding vaccination recommendations (other than Covid) and the report by the WHO Expert Committee on Biological standardization.

As to this, I am wondering what you think about publishing an overview about the different vaccination strategies against COVID in different countries. I guess the whole world is in the same situation of putting up prioritization plans whom to vaccinate first, while it is quite difficult to make such decisions at a time when few data are still available about the efficiency of the different vaccine candidates.

Nevertheless, I think a sort of "position paper" from our group covering this topic could be of interest and might be publishable in Frontiers.
Please respond what you think about this idea and also who would be able to actively involve him/herself in writing?
ECI Congress in Belgrade 2021

Joined Symposium of ECI and IUIS/VAC on Vaccination

Dear [Name],

I have been contacted by the ECI committee of the next ECI congress in Belgrade 2021 in order to suggest an IUIS/ECI symposium on vaccines/vaccination.

My suggestion is to focus on COVID19 with the following topic (we can have 3 talks, a 25 minutes):

1. Status of COVID-vaccines – which will be first?
2. Correlates of protection for COVID vaccines – what do we know?
3. Sterilizing or non-sterilizing immunity, prevention of infection or diseases – implications for vaccination programs.

or
1. COVID vaccines: personalized vaccination or one jab for all?

Do you agree with these titles or do you have other suggestions? Please select three topics.

Whom would you think to suggest as speaker? Anyone of you who would like to act as speaker of one of these topics?

Could you please reply to my mail until this Friday.

Thank you very much!

I hope all of you are well and will stay well and healthy!!

Kind regards,

[Ursula]
1. COVID-vaccines – which are licenced and in use? Ole Wichmann
2. Correlates of protection for COVID vaccines – role of antibodies and cellular immunity: Rita Carsetti
3. Sterilizing or non-sterilizing immunity, prevention of infection or diseases – implications for vaccination programs: Gregory Poland
EFIS Vaccination Task Force

Plan:
Report on COVID19 Vaccine Development:
EFIS Board asked to begin to work on a thought leadership paper in order to highlight the issues and make recommendations on what is needed to enable a rapid vaccine research/development response to COVID19 and any future pandemic.

Objective
To speak with the voice of immunologists across Europe on key immunological issues that affect or can play a role in alleviating the COVID-19 pandemic. To identify a clear set of calls to action and/or recommendations to influence political, public and scientific opinion to effect positive changes to policy and practice.

Teleconference: 17th of November 2020