

# MALARIA AND SOME POLYOMAVIRUSES (SV40, BK, JC, AND MERKEL CELL VIRUSES)

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This publication represents the views and expert opinions of an IARC Working Group on the Evaluation of Carcinogenic Risks to Humans, which met in Lyon, 7-14 February 2012

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ON THE EVALUATION
OF CARCINOGENIC RISKS
TO HUMANS



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<sup>&</sup>lt;sup>1</sup> Working Group Members and Invited Specialists serve in their individual capacities as scientists and not as representatives of their government or any organization with which they are affiliated. Affiliations are provided for identification purposes only. Invited Specialists do not serve as meeting chair or subgroup chair, draft text that pertains to the description or interpretation of cancer data, or participate in the evaluations.

Each participant was asked to disclose pertinent research, employment, and financial interests. Current financial interests and research and employment interests during the past 4 years or anticipated in the future are identified here. Minor pertinent interests are not listed and include stock valued at no more than US\$1000 overall, grants that provide no more than 5% of the research budget of the expert's organization and that do not support the expert's research or position, and consulting or speaking on matters not before a court or government agency that does not exceed 2% of total professional time or compensation. All grants that support the expert's research or position and all consulting or speaking on behalf of an interested party on matters before a court or government agency are listed as significant pertinent interests.

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 $<sup>^{\</sup>rm 2}$  Dr Dillner was a Visiting Scientist at the IARC at the time of the meeting.

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<sup>&</sup>lt;sup>3</sup> Mats Wahlgren holds a patent in the USA on a malaria vaccine.

## **Invited Specialists**

### Christopher B. Buck⁴

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### Yuan Chang<sup>5</sup>

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## Mauro Tognon <sup>6</sup>

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### Edith Y. Roset-Bahmanyar <sup>8</sup> [did not attend]

GlaxoSmithKline Biologicals Wavre Belgium

<sup>&</sup>lt;sup>4</sup> Christopher Buck is a co-inventor on two current patent applications and one pending patent application covering technologies related to development of prophylactic vaccines against Merkel cell polyomaviruses, human polyomaviruses 6 and 7 (HPyV6 and HPyV7), JC and BK polyomaviruses.

<sup>&</sup>lt;sup>5</sup> Yuan Chang's laboratory identified Merkel cell polyomavirus in 2008 and the University of Pittsburgh has USA and European patent coverage for methods to diagnose and immunize against the virus causing human Merkel cell carcinoma.

<sup>&</sup>lt;sup>6</sup> Mauro Tognon is a co-inventor of one pending patent application for an indirect ELISA assay for the detection of SV40-specific large T antigen antibodies.

<sup>&</sup>lt;sup>7</sup> Each Observer agreed to respect the Guidelines for Observers at *IARC Monographs* meetings. Observers did not serve as meeting chair or subgroup chair, draft any part of a Monograph, or participate in the evaluations. They also agreed not to contact participants before the meeting, not to lobby them at any time, not to send them written materials, and not to offer them meals or other favours. IARC asked and reminded Working Group Members to report any contact or attempt to influence that they may have encountered, either before or during the meeting.

<sup>&</sup>lt;sup>8</sup> Edith Roset Bahmanyar is employed by GlaxoSmithKline Biologicals, Belgium. She is involved in phase IV studies for the candidate RTS.S/AS vaccine.

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