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1. **Identifying information.**

2. **The work under consideration for publication.**
   
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3. **Relevant financial activities outside the submitted work.**
   
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4. **Intellectual Property.**

5. **Relationships not covered above.**

   Use this section to report other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work.

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ICMJE Form for Disclosure of Potential Conflicts of Interest

Section 1. Identifying Information

1. Given Name (First Name)  
   Richard

2. Surname (Last Name)  
   Hotchkiss

3. Date  
   17-December-2019

4. Are you the corresponding author?  
   ✔ Yes  
   No

5. Manuscript Title  
   Activating Immunity to Fight a Foe -- a New Path

6. Manuscript Identifying Number (if you know it)  
   19-17242

Section 2. The Work Under Consideration for Publication

Did you or your institution at any time receive payment or services from a third party (government, commercial, private foundation, etc.) for any aspect of the submitted work (including but not limited to grants, data monitoring board, study design, manuscript preparation, statistical analysis, etc.)?

Are there any relevant conflicts of interest?  
   No

Section 3. Relevant financial activities outside the submitted work.

Place a check in the appropriate boxes in the table to indicate whether you have financial relationships (regardless of amount of compensation) with entities as described in the instructions. Use one line for each entity; add as many lines as you need by clicking the “Add +” box. You should report relationships that were present during the 36 months prior to publication.

Are there any relevant conflicts of interest?  
   ✔ Yes  
   No

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<table>
<thead>
<tr>
<th>Name of Entity</th>
<th>Grant?</th>
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<th>Non-Financial Support?</th>
<th>Other?</th>
<th>Comments</th>
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</thead>
<tbody>
<tr>
<td>Revimmune</td>
<td>✔</td>
<td>✔</td>
<td>☐</td>
<td>☐</td>
<td>Washington University was awarded grants from Revimmune to conduct a multi-center phase 1/2 clinical trial of IL-7 in patients with sepsis. These results of the clinical trial have been published and all funding sources appropriately acknowledged. Washington University was awarded a second grant for planning and organizing a trial of IL-7 in patients with non-tuberculosis mycobacterial lung disease. Dr. Hotchkiss was also reimbursed for travel and hotel expenses for an Advisory board meeting to discuss the sepsis trial.</td>
</tr>
<tr>
<td>GSK</td>
<td>✔</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>Washington University was awarded a grant from GSK for my laboratory to study the effect of sepsis on patient immune cell function and to test various immune adjuvants ex vivo. The results of the study were recently published and all funding sources acknowledged.</td>
</tr>
<tr>
<td>Leidos</td>
<td>✔</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>Washington University was awarded a grant for my laboratory to test drugs that Leidos had developed for their ability to improve immune function and survival in a mouse model of sepsis.</td>
</tr>
<tr>
<td>Transgene</td>
<td>✔</td>
<td>✔</td>
<td>☐</td>
<td>☐</td>
<td>Washington University was awarded a grant for my laboratory to test drugs that Transgene had developed to treat mouse sepsis. Dr. Hotchkiss was also paid as a consultant for an Advisory Board meeting</td>
</tr>
<tr>
<td>Bristol Myers Squibb</td>
<td>✔</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>Washington University was awarded grants from BMS for the study of sepsis by my laboratory. BMS awarded a grant for work in mouse sepsis. In addition, Washington University was one of the trial groups that tested nivolumab and anti-PD-L1 in two phase 1 safety trials in patients with sepsis. Grants were awarded to Washington University to support these 2 clinical trials and Dr. Hotchkiss was the PI on these two trials. Findings from both of the multi-center clinical trials have been published and all financial support from BMS acknowledged.</td>
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</table>
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Section 4. Intellectual Property -- Patents & Copyrights

Do you have any patents, whether planned, pending or issued, broadly relevant to the work?  
☐ Yes  ☑ No

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Section 6. Disclosure Statement

Based on the above disclosures, this form will automatically generate a disclosure statement, which will appear in the box below.

Dr. Hotchkiss reports grants and personal fees from Revimmune, grants from GSK, grants from Leidos, grants and personal fees from Transgene, grants from Bristol Myers Squibb, outside the submitted work.

Evaluation and Feedback

Please visit http://www.icmje.org/cgi-bin/feedback to provide feedback on your experience with completing this form.
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   Steven

2. Surname (Last Name)  
   Opal

3. Date  
   17-December-2019

4. Are you the corresponding author?  
   No

   Corresponding Author’s Name  
   Richard Hotchkiss

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<tr>
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<td>❌</td>
<td>❌</td>
<td>❌</td>
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<td>❌</td>
<td>❌</td>
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<tr>
<td>Asahi Kasei</td>
<td>✔</td>
<td>❌</td>
<td>❌</td>
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