

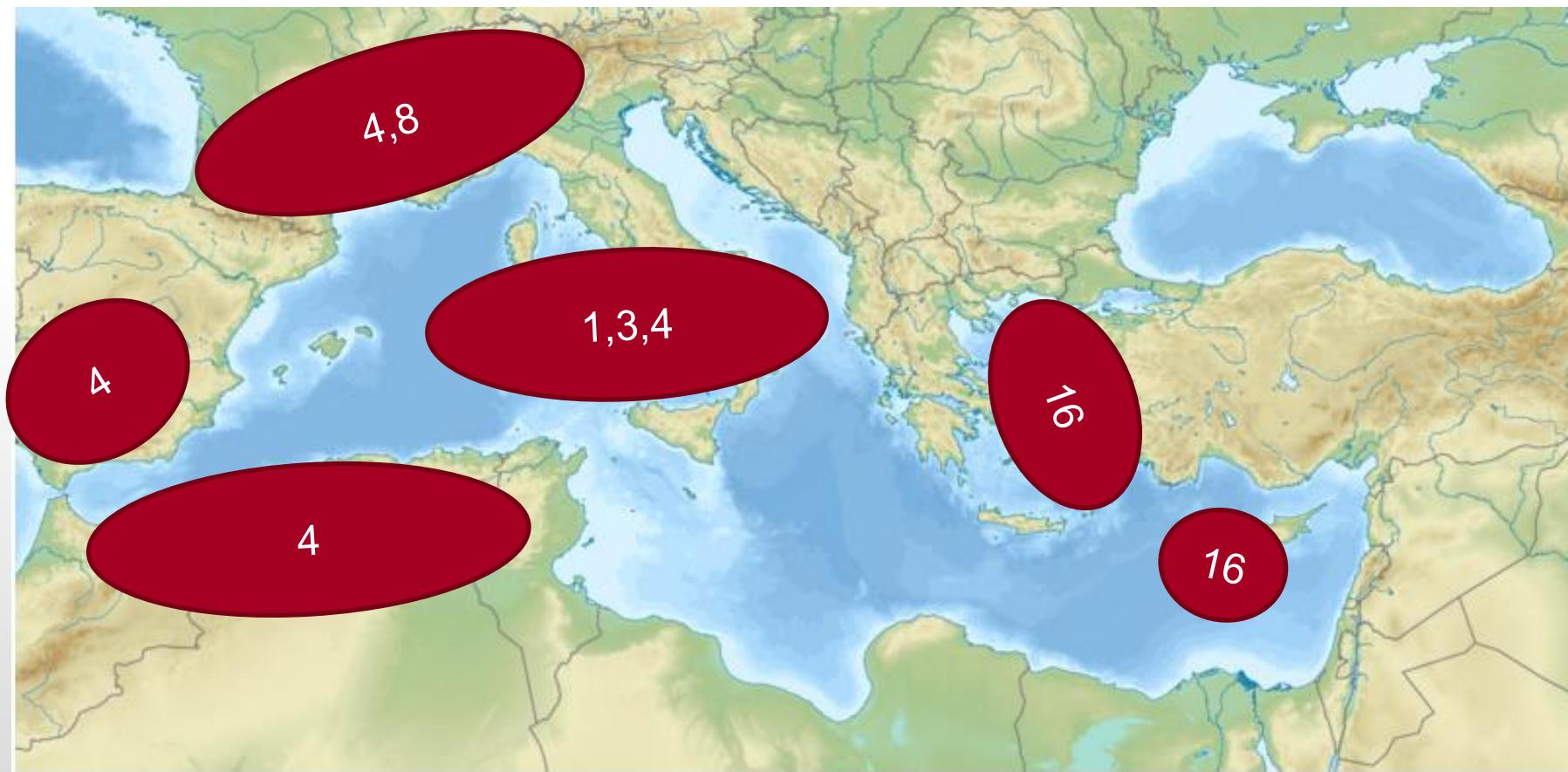


# Updates on BT and WNF in the Mediterranean basin

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*19<sup>th</sup> JPC/REMESA – 9-10 December 2019  
Larnaca, Cyprus*

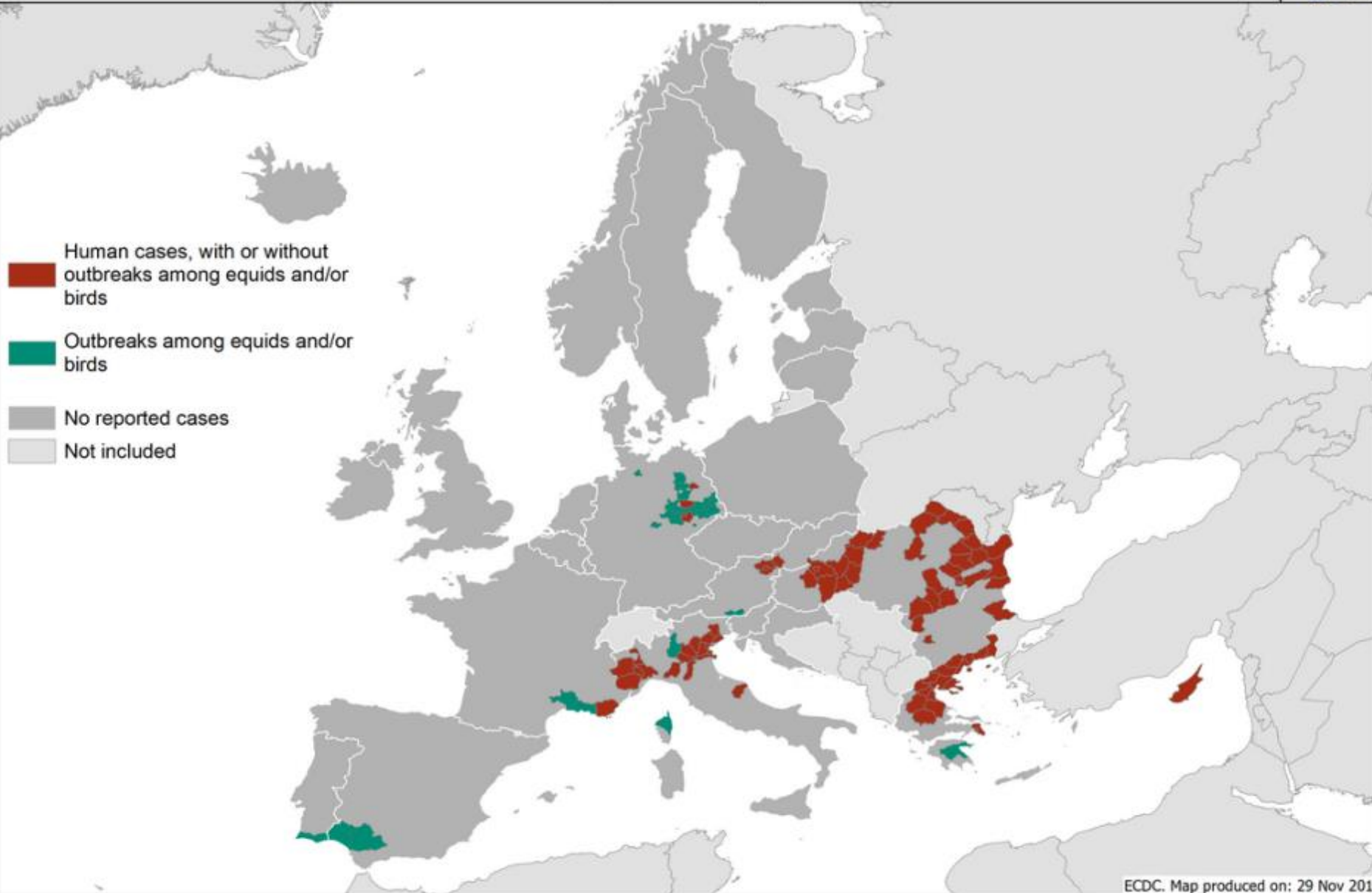
# Bluetongue (picture 2019)



# WND situation (2019)

- ❑ **Since the beginning of the 2019** transmission season and as of 28 November 2019, EU Member States and EU neighbouring countries have reported **463 human infections**. EU Member States reported 410 cases: Greece (223), Romania (66), Italy (53), Hungary (36), Cyprus (16), Bulgaria (5), Austria (4), Germany (4), France (2), and Slovakia (1). EU neighbouring countries reported 53 human cases in Serbia (27), Israel (10), Turkey (10) and North Macedonia (6).
- ❑ To date, **50 deaths** due to West Nile virus infection have been reported by Greece (34), Romania (8), Italy (4), Cyprus (1), Bulgaria (1), North Macedonia (1) and Serbia (1).
- ❑ During the current transmission season, **89 outbreaks among equids** have been reported by Germany (30), Greece (21), France (13), Italy (8), Hungary (7), Spain (5), Austria (4) and Portugal (1). In addition, 54 outbreaks among birds have been reported to ADNS by Germany (53) and Greece (1).

Distribution of West Nile virus infections among humans and outbreaks among equids and/or birds in the EU  
Transmission season 2019; latest data update 28 Nov 2019



# WND situation in Tunisia

International Journal of Mosquito Research 2019; 6(5): 48-56



*International Journal of  
Mosquito Research*

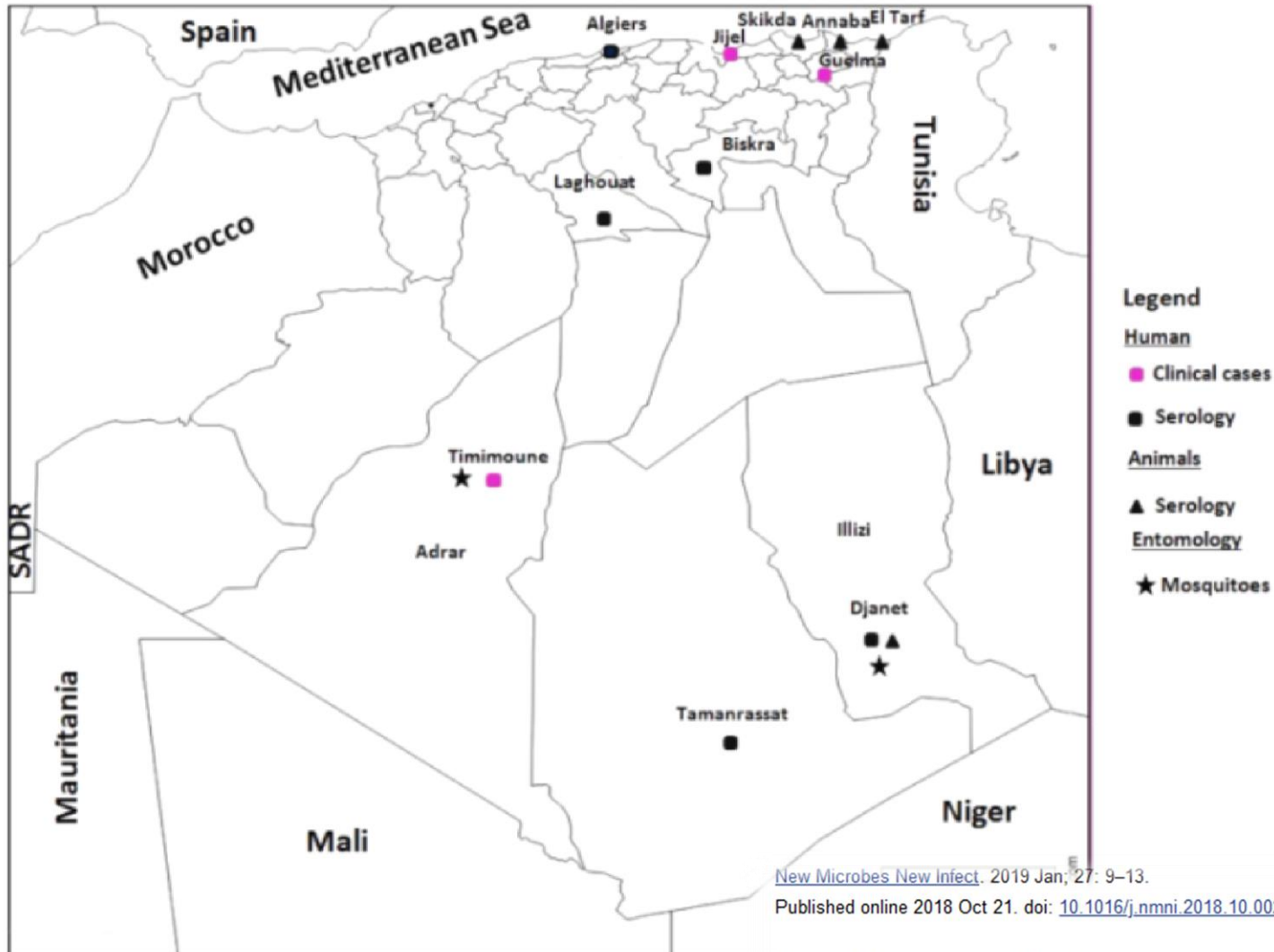
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## **Predicting current and future distribution of West Nile disease in Tunisia**

**Ben Hassine Thameur, Hammami Salah and Sghaier Soufiène**

In the last decade, Tunisian authority reported two major epidemic of human WND in 2012 (86 suspected cases, 37 confirmed cases and 12 deaths) and in 2018 (65 suspected cases, 49 confirmed cases and 2 deaths)

# WNV situation in Algeria



*New Microbes New Infect.* 2019 Jan; 27: 9–13.

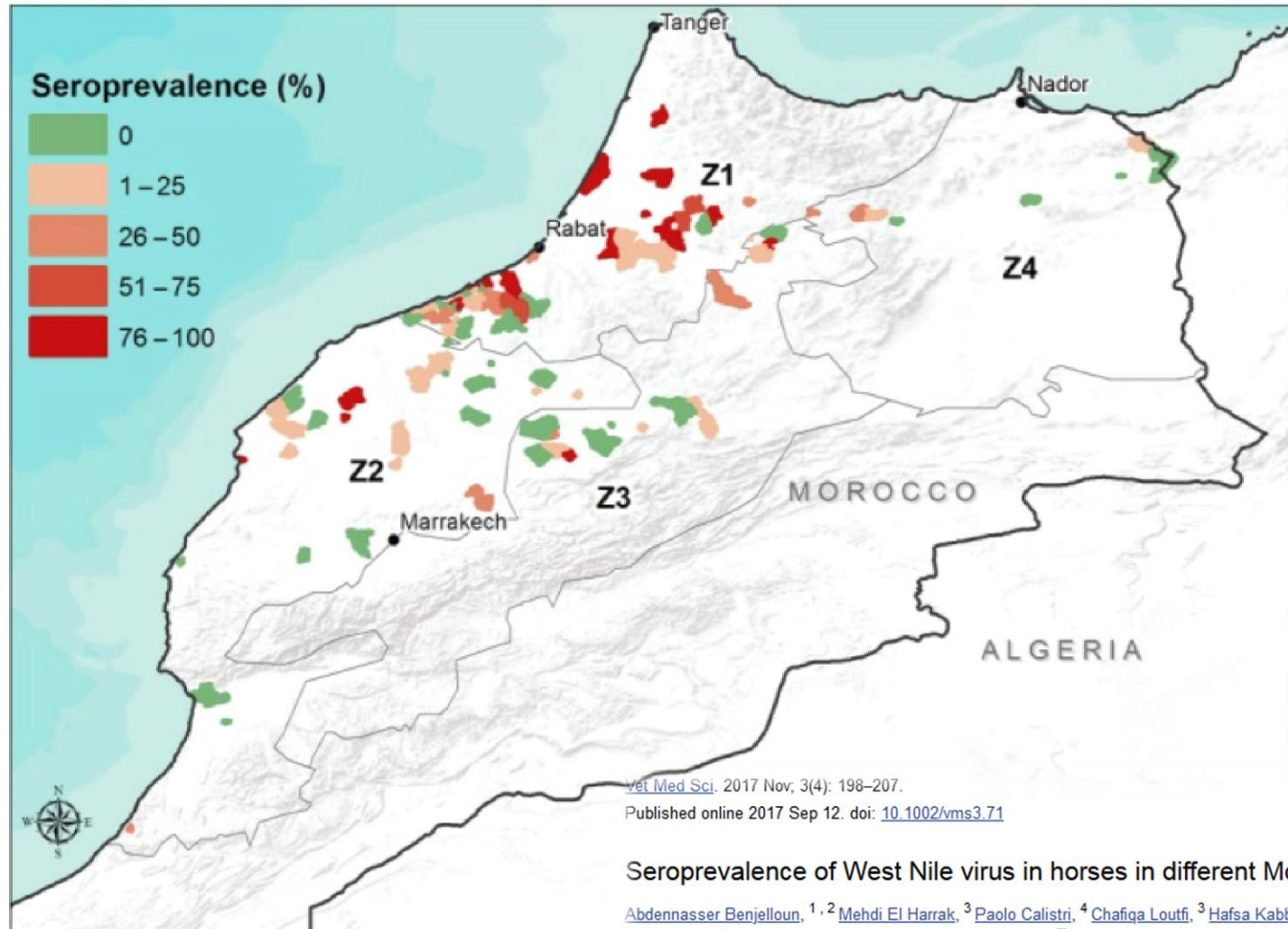
Published online 2018 Oct 21. doi: [10.1016/j.nmni.2018.10.002](https://doi.org/10.1016/j.nmni.2018.10.002)

West Nile virus in Algeria: a comprehensive overview

I. Lafri,<sup>1,2,\*</sup> A. Hachid,<sup>3</sup> and I. Bitam<sup>2,4</sup>

West Nile virus in Algeria reflecting current known evidence, August 2018.

# WND situation in Morocco



Geographical distribution of the municipalities and their prevalence.

# Conclusion

REVIEW

## Towards harmonisation of entomological surveillance in the Mediterranean area

Frédéric Jourdain <sup>1\*</sup>, Abdallah M. Samy<sup>2</sup>, Afrim Hamidi<sup>3</sup>, Ali Bouattour<sup>4</sup>, Bülent Alten<sup>5</sup>, Chafika Faraj<sup>6</sup>, David Roiz<sup>1</sup>, Dušan Petrić<sup>7</sup>, Elisa Pérez-Ramírez<sup>8</sup>, Enkeledja Velo<sup>9</sup>, Filiz Günay<sup>5</sup>, Golubinka Bosevska<sup>10</sup>, Ibrahim Salem<sup>11</sup>, Igor Pajovic<sup>12</sup>, Jelena Marić<sup>13</sup>, Khalil Kanani<sup>14</sup>, Lusine Paronyan <sup>15</sup>, Maria-Grazia Dente<sup>16</sup>, Marie Picard<sup>1</sup>, Marija Zgomba<sup>7</sup>, M'hammed Sarih<sup>17</sup>, Nabil Haddad<sup>18</sup>, Oleksandr Gaidash<sup>19</sup>, Roena Sukhiasvili<sup>20</sup>, Silvia Declich<sup>16</sup>, Taher Shaibi<sup>21</sup>, Tatiana Sulesco<sup>22</sup>, Zoubir Harrat<sup>23</sup>, Vincent Robert<sup>1</sup>

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*Could REMESA help  
or play a role in  
facilitating this task?*



# Thank you



Alessandro Ripani



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