

The Human (and Environmental) Impacts of Changes (Reduction of Use) in Sunscreen Usage

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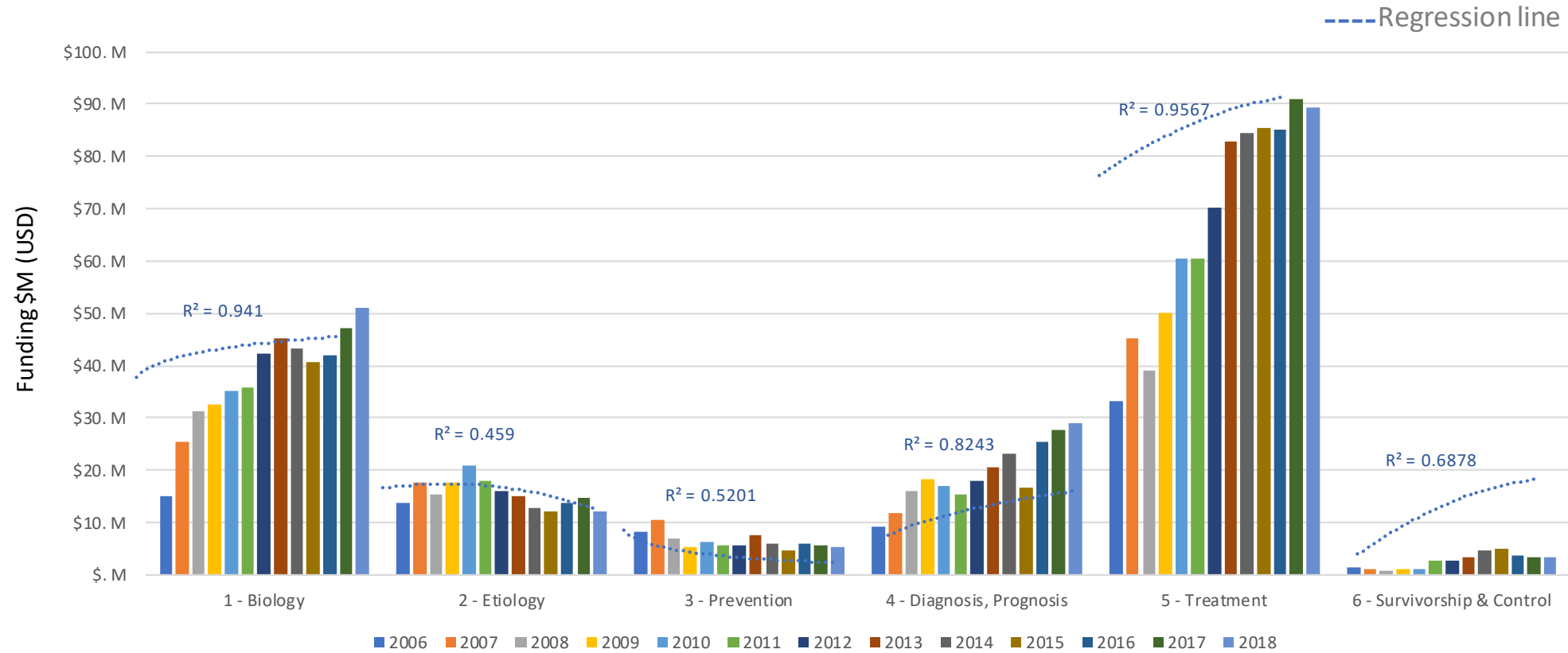
About Melanoma

- Deadliest of all skin cancers
- 3rd most common cancer among Americans aged 20 to 39
- 5th most common cancer overall in the United States.
- 106,000 new invasive melanomas projected for 2021
- Over 7,100 melanoma related deaths expected in 2021
- Majority (60 to 90%) of cases caused by UV damage
- Rate of melanoma in US has doubled in past 30 years

Trends in International Cancer Research Investment 2006-2018 by Common Scientific Outline Category

Prevention:
No significant change

Trends in Melanoma Research Investment 2006-2018 by Common Scientific Outline Category



Context



Summary & Unknowns

- Will a ban, or reduction in use, of sunscreens result in a positive impact for reefs or aquatic life?
- Does the negative impact on environment of sunscreens outweigh the impact on environment of growing clinical care for melanoma and other skin cancers and the resulting green house gasses and global warming.
- We need more tools for prevention; data on actual dispersion of sunscreens in aquatic environments, data on accumulation.