World-Record Progress in Track Events Potentially Novel Means to Detect Doping

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Why care about doping?

- modern Olympiad is worth saving
- doping is dangerous and causes health problems
- competition is vital to human endeavor





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- reduce inflammation cortico
- build muscle anabolic
- Blood doping
 - transfusions both autologous and homologous
 - synthetic oxygen carriers and hormones
- Insulin increases glucose storage and bio-availability
- hGH oh to be young again!!!





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- Get caught with drugs i.e. Festina affair
- Biological passport
 - establishes permissable limits and tracks athlete's blood values and tests over time to detect malfeasance





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