

Weill Cornell Biomedical, Clinical Translational Research and Role of NREN

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Weill Cornell Medical College in Qatar
Information Technology Services



Agenda

- WCMC-Q Overview
- Research @ WCMC-Q
- Weill Cornell and RENs



WCMC-Q Tripartite Mission

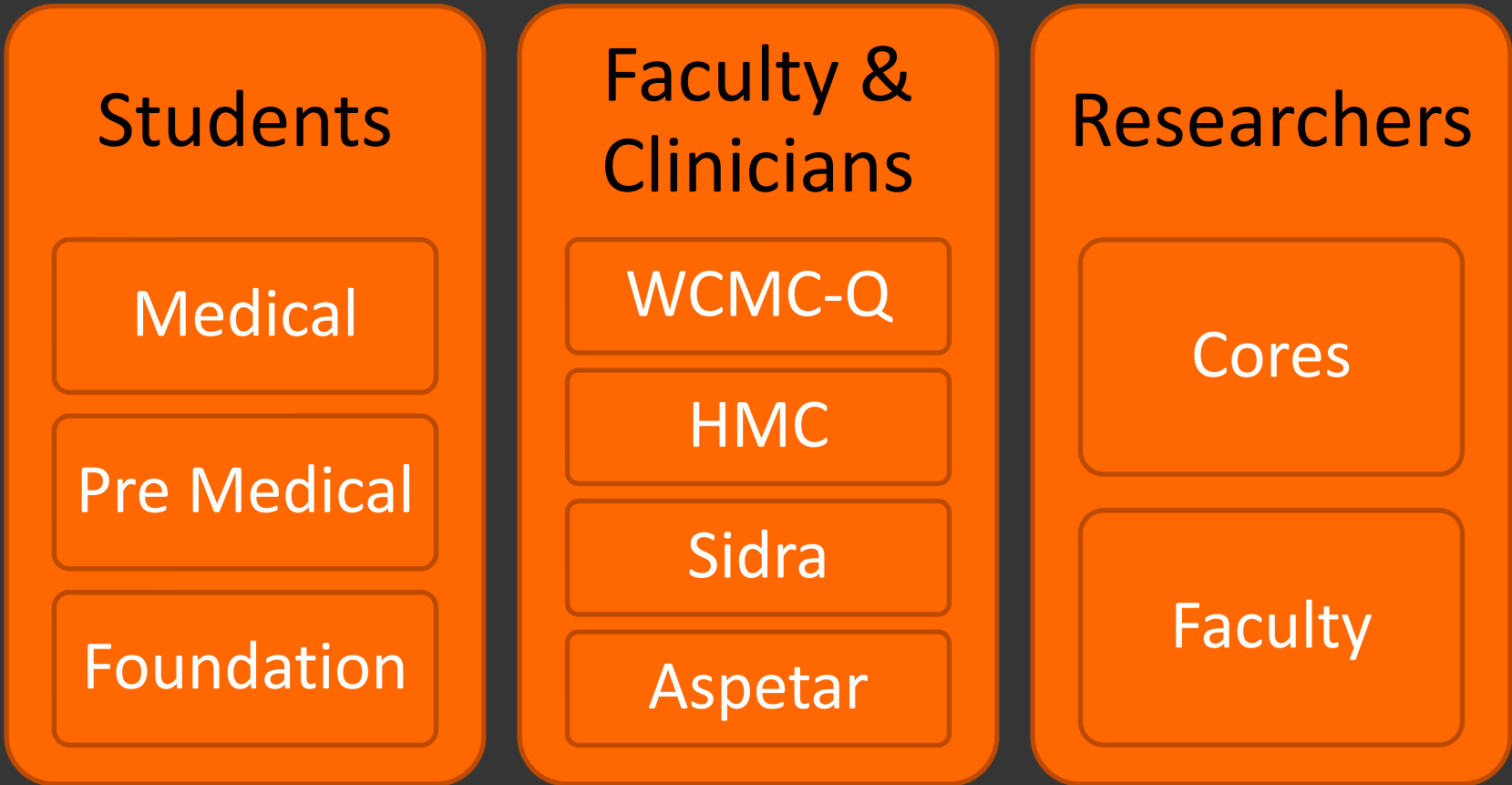
Education

Research

Patient Care



WCMC-Q Community



Research @ WCMC-Q

- Cores
 - Genomics
 - Microscopy
 - Proteomics
 - Computational Biology & Biostatistics
 - Vivarium
- Major Grants Funding Agencies
 - NPRP (Qatar)
 - NIH (USA)



Research Landscape

Number	Abstract Authors	Abstract Poster Title
1.	Al Kindi,sadeer_Wen , Duancheng_Rafii,	Towards an ICM free blastocyst: Selective knockdown of <i>Oct4</i> in embryonic stem cells using Stem Cell
2.	Albaz_Afaneh,_Muthukumar_	A Molecular Mechanism for Successful Kidney Transplantation in HIV Patients
3.	Ali, Barliya, Wayne, Katdare	APC gene mutations: A Potential Cause of Breast Cancer Transmittal Diseases
4.	Awad, Zheng, Seandel	Exploring the Phenotype of Germ Stem Cells and Germ Tumor Cells.
5.	Becetti, Zahirovic, Murray, Brown, Hackett, O'Connor, Crystal	Personalized Medicine: Exploring the Impact of Diabetes Risk-Associated Alleles on Diabetes in Qatar Diabetes
6.	Chowdhury, Sadiq, Ghazala, Büsselberg	
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8.	Hamed,Laursen, Gudas	
9.	Hegab, He, Wondisford	
10.	Khawla Ali, Anamaria Sudarov	
11.	Lue, Neal_Archassi, Dana	
12.	Mubayed,Lamya_Brazin, Jacqueline_Silver, Randi	
13.	Sadek-Seif, Ghazy, Siam,	
14.	Sadiq, Ghazala, Chowdhury, Büsselberg	

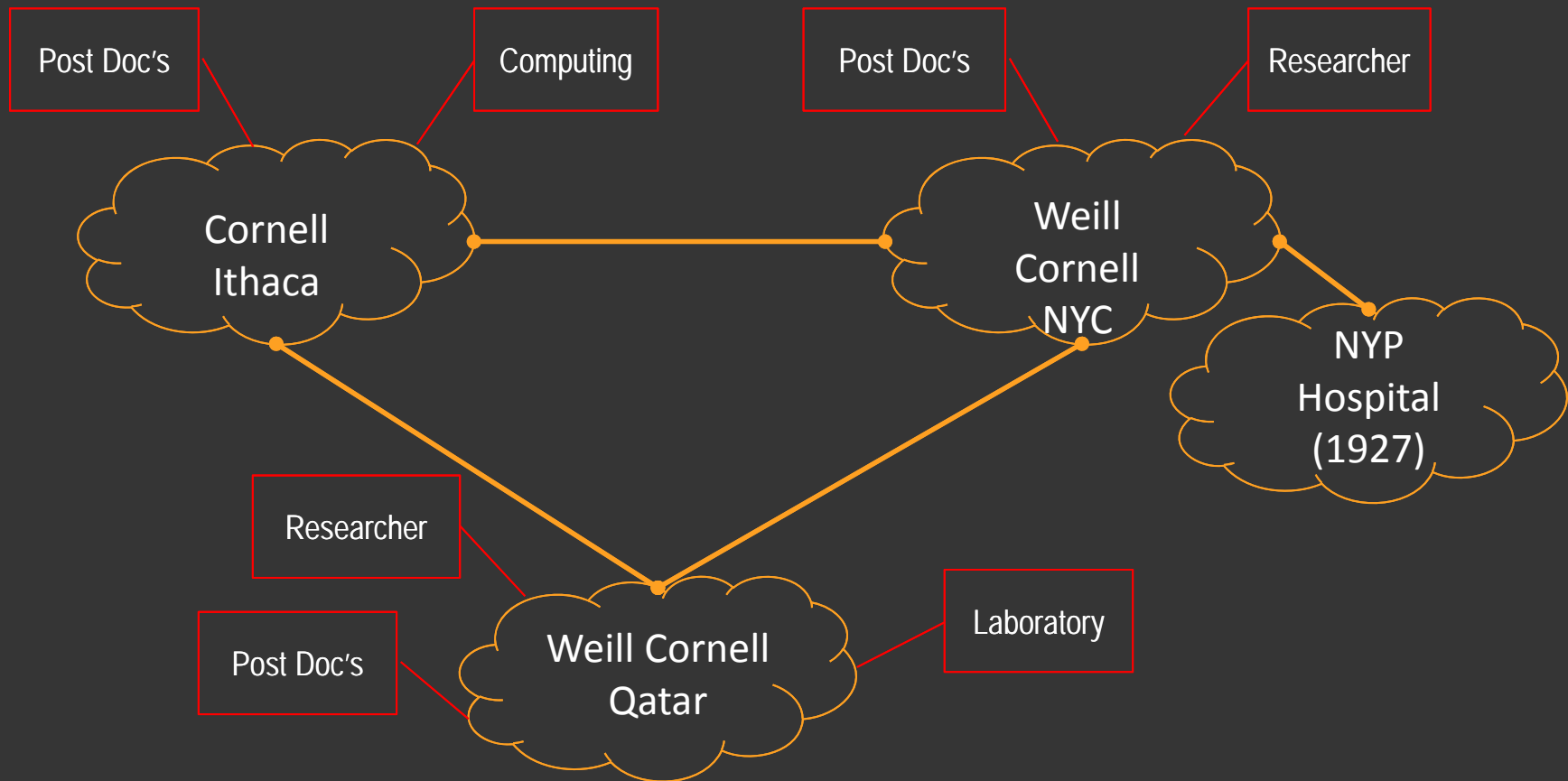
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6.	Chowdhury, Sadiq, Ghazala, Büsselberg	Metal ions in short and long term potentiation.
7.	Ghazala, Chowdhury, Sadiq, Büsselberg	Interaction of Metals with Postsynaptic Targets
8.	Hamed,Laursen, Gudas	Retinoic Acid-Dependent Gene Expression and Growth Rate in Transgenic RAR Constructs of F9 Teratocarcinoma Cells
9.	Hegab, He, Wondisford	Metformin Suppresses Rate-limiting Gluconeogenic Enzyme Gene Expression.
10.	Khawla Ali, Anamaria Sudarov	Increased LIS1 Expression Affects Mouse Brain Development.
11.	Lue, Neal_Archassi, Dana	Analysis of DNA binding activity of Stn-1
12.	Mubayed,Lamya_Brazin, Jacqueline_Silver, Randi	Investigation of the Role of Mast Cells in Breast Cancer.
13.	Sadek-Seif, Ghazy, Siam,	Excitation, Inhibition, and Clustering a Library for the Upper Convectory layer, the Interphase layer, and the Lower Convectory layer of the Atlantis II Brine pool
14.	Sadiq, Ghazala, Chowdhury, Büsselberg	Pre-synaptic Targets of Metal Interactions.

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Weill Cornell Research and Education Cloud

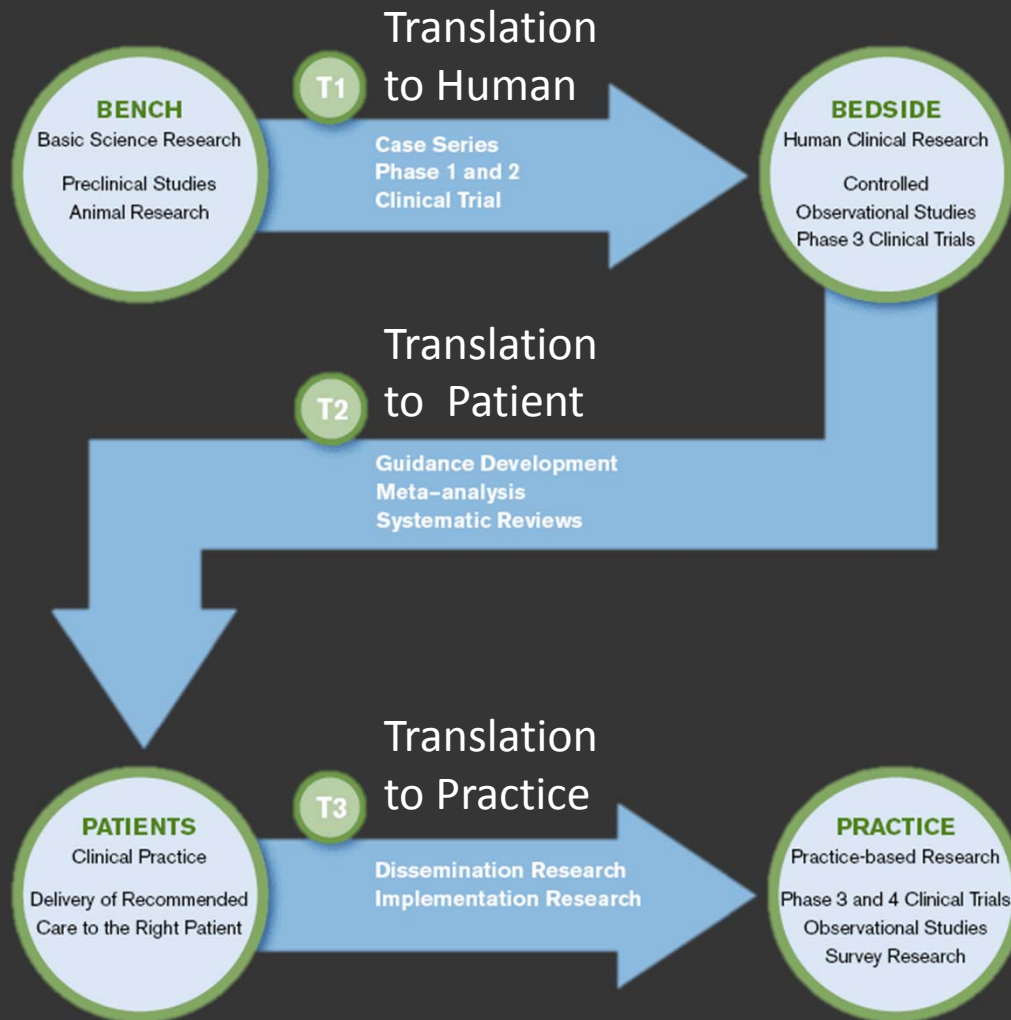
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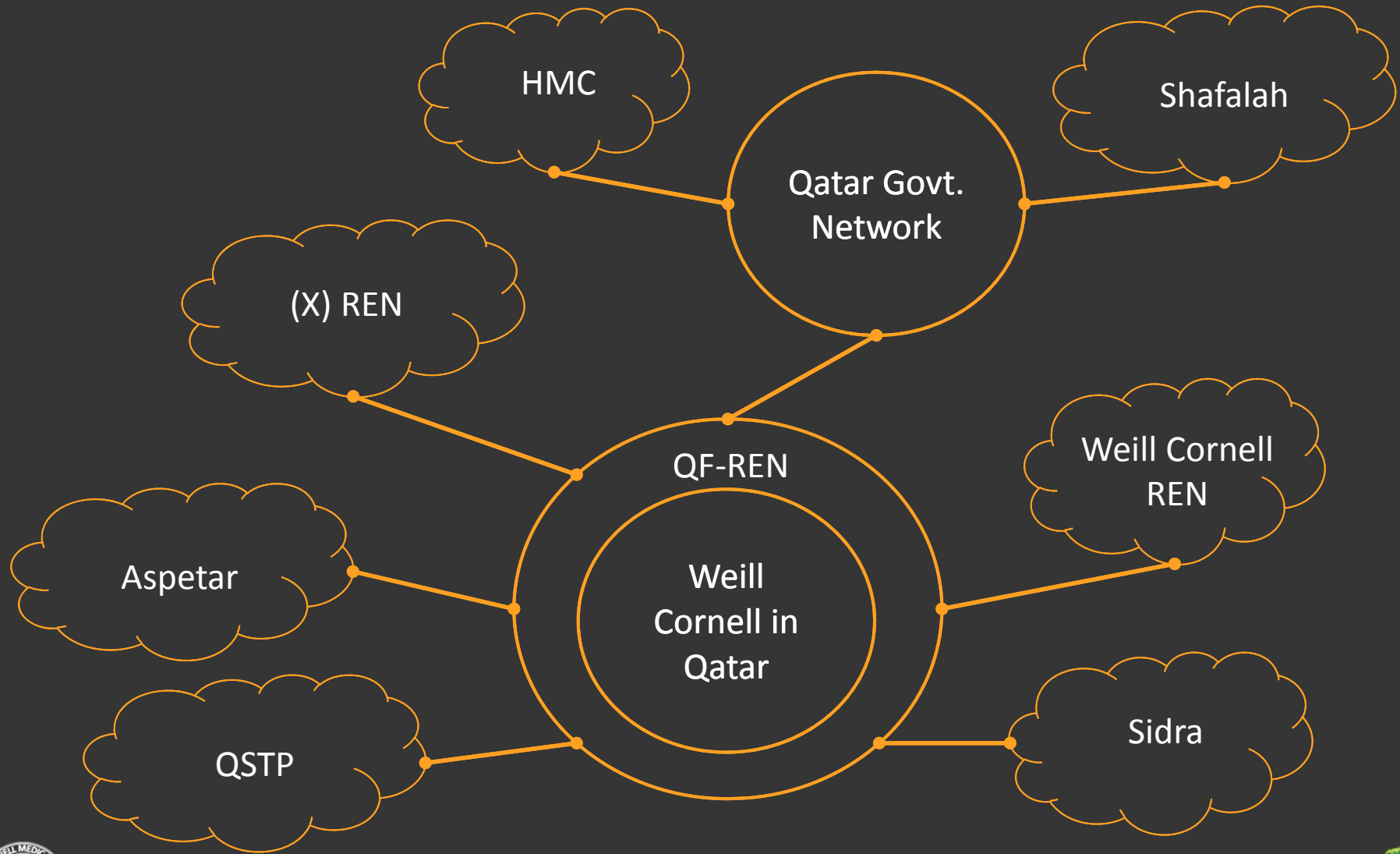
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Translational Research



Qatar Biomedical Research Hive



Next 6 Months

- Bio-Banks
- Clinical Translational Research Database
- Interface with affiliates EMR



Healthy Skepticism



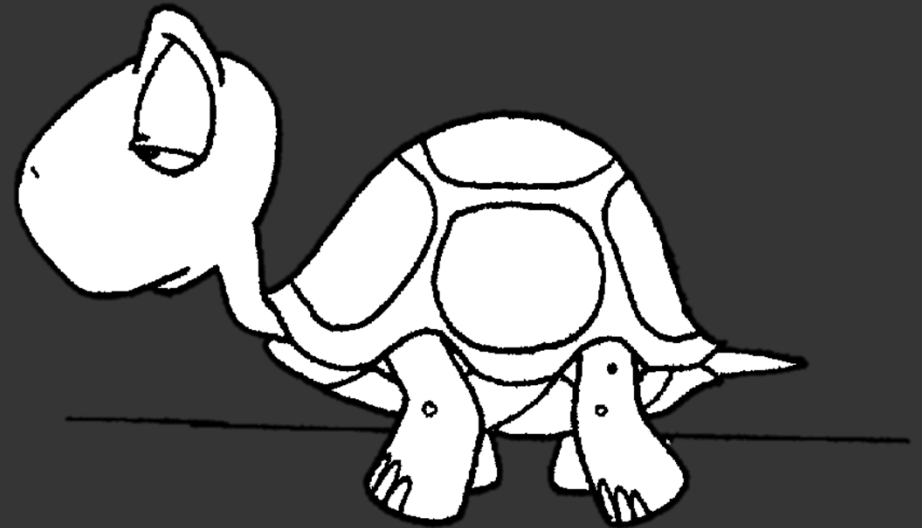
Internet



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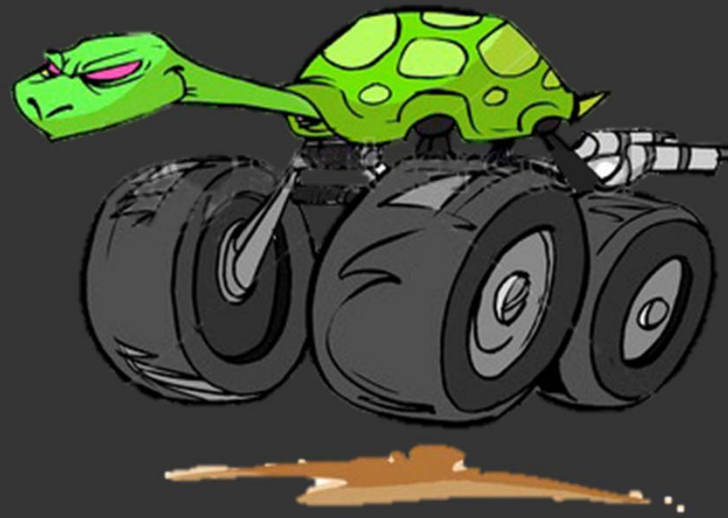
Research without a local REN



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Research on local REN



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Questions?



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