

A NEW Approach to Rapid Discovery in Medical Research— *Accelerated Research Collaboration*

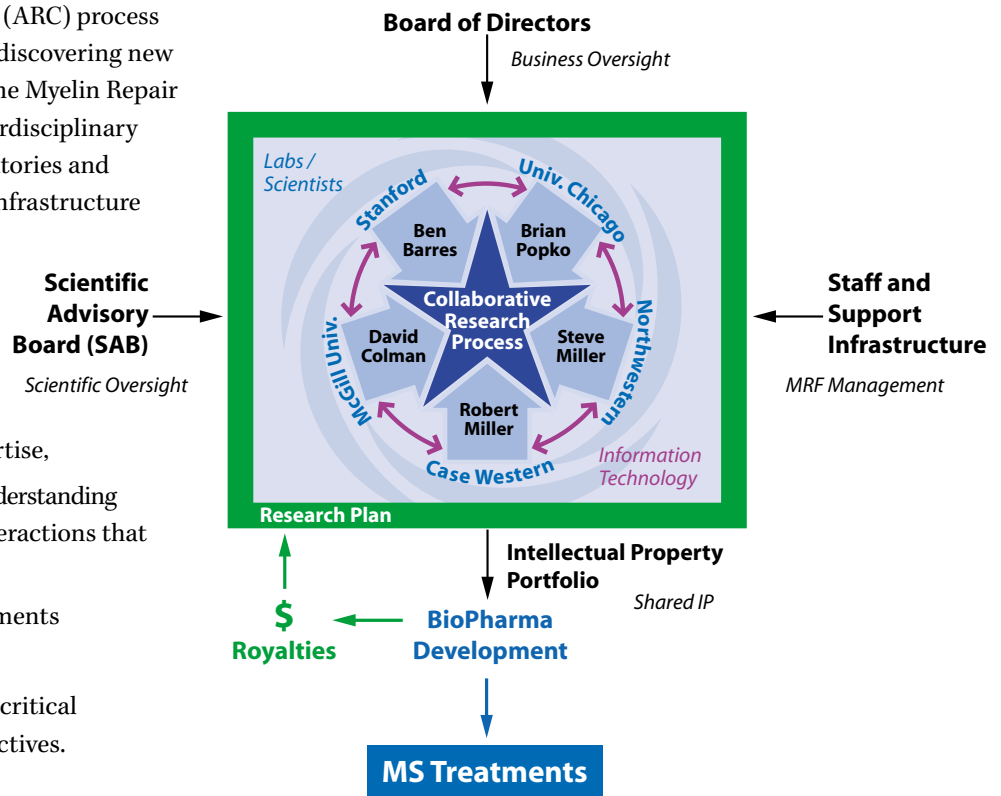
The Accelerated Research Collaboration® (ARC) process is an innovative new approach to rapidly discovering new treatments for Multiple Sclerosis (MS). The Myelin Repair Foundation (MRF) has assembled an interdisciplinary team of leading research scientists, laboratories and institutions, and provided them with an infrastructure enabling the team to identify, understand and validate promising solutions quickly.

The Principal Investigators of the MRF research consortium were selected based on their:

- Complementary knowledge and expertise,
- Past contributions to advancing our understanding of the key biological processes and interactions that control myelination,
- Common interest in developing treatments to repair myelin.

Each investigator, and their laboratory, is critical to MRF achieving its 5-year research objectives.

Accelerated Research Collaboration Model



ARC MODEL COMPONENTS	ARC MODEL PROCESS
Labs/Scientists	Identify critical scientific skill sets and recruit top neuroscientists from each discipline.
Collaborative Research Process	Maximize results and minimize cycle time with the Collaborative Research Process.
Research Roadmap	Construct 5-year research outline identifying key biological interactions to be investigated.
IT Tools	Connect labs by an IT infrastructure designed to facilitate daily interaction and data exchange. Allows teams to exchange information on a daily basis.
Scientific Oversight (SAB)	Select Scientific Advisory Board of eminent scientists to ensure appropriate design and focus of research plan.
MRF Management	Small, highly efficient and motivated business support staff supplemented by volunteers.
Business Oversight	Provide Board of Directors to manage oversight of staff and budget and Development Board to assist in fundraising.
Shared IP	Conduct regularly scheduled research reviews, linking all participants “virtually” and archive critical intellectual property for patent protection.
BioPharma Development	Identify commercialization partners in the biopharmaceutical industry for license agreements on MRF patents that speed transition from lab to clinic.
Royalty Revenues	Return income generated from patents to MRF, Universities and investigators to fund future research in MS and/or other neurological diseases.

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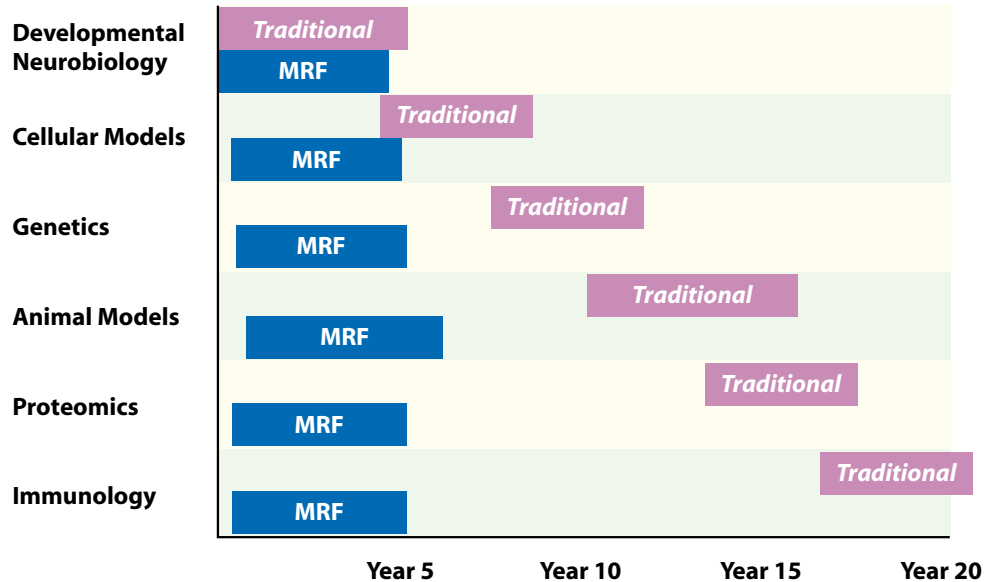
Comparison of Traditional and MRF Research Process

MRF Collaborative Research Process

MRF is focused exclusively on how myelin is created, damaged and can be repaired. MRF's Collaborative Research Process enables scientists to share discoveries rapidly and coordinate simultaneous research projects to accelerate discovery and validation of myelin repair treatments.

Traditional Research Process

In traditional medical research numerous individual scientists work in relative isolation, often in competition, focused on their specific field of expertise. With little or no collaboration, discoveries are transferred by publication resulting in sequential investigations and greatly expanding the length of time necessary for validation and translation to clinical drug development.



Accelerated Research Collaboration Critical Success Factors

- **Interdisciplinary Research Team**
- **“Best of the Best” Principal Investigators and Scientific Advisory Board**
- **Jointly Developed Research Process**
- **Jointly Developed Research Plan**
- **Professional Management Team with “Start-Up” Experience**
- **Run like a “Start-Up” Business**
- **Partner with biopharmaceutical companies for rapid drug development, clinical trials and commercialization**

Comments about the ARC Model

“The Myelin Repair Foundation is pioneering a new way to organize medical research that speeds breakthrough drug discovery. It uses a unique approach of shared incentives to produce intense collaboration and rapid idea-sharing among the leading neuroscience centers. As I listened to these scientists, their enthusiasm and commitment for this new method of medical research is both clear and contagious. I am proud to be a part of it.”

Scott Cook

*Founder and Chairman
Intuit Corporation*

“We are bringing together academic scientists that operate in an environment where traditionally data can not be shared until after experiments are complete and published. Within the consortium model, every time the team gets together, sparks fly. There’s no question that better teamwork in science can significantly accelerate results.”

Ben Barres, Ph.D.

*Professor of Neurology, Stanford University
MRF Principal Investigator*



Discovery through Collaboration

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