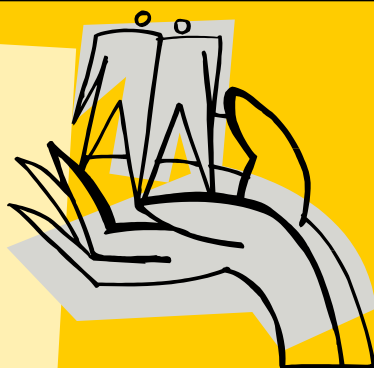


Synergy Seminar



Dendrimer-based Nanotherapeutics: Translating Chemistry to Therapy

Presenter: Rangaramanujam Kannan , Ph.D.

Bringing together Problem Owners and Solution Owners to explore novel solutions and applications

Over the last two decades significant advances in nanotechnology are providing opportunities in medicine. A key scientific and technological gap in translating these into measurable improvements in treatment outcomes for patients centers on understanding and taking advantage of nanomaterial-tissue-cell interactions, upon *in vivo* administration. Dendrimers (with no targeting moieties) appear to show unique biodistribution patterns relating to the neuroinflammatory processes associated with a wide-range of neurodegenerative diseases, such as macular degeneration and cerebral palsy.

- How do we take advantage of intrinsic interactions' between nanomaterials and disease processes?
- Development of versatile nanotherapeutic platforms
- Applications in inflammation, neuroinflammation and infections
- Clinical translation: Cerebral palsy, Age-related macular degeneration, orthopedic inflammation, maternal-fetal medicine

Synergy Seminar

RSVP to the number below or fax your registration form to: Teri Donohue

330-572-7548 ph
330-379-1192 fax
tdonohue@abiakron.org

CME Opportunity:

The Summa Health System designates this educational activity for a maximum of 1.0 AMA PRA Category 1 Credit(s) TM.

Physicians should only claim credit commensurate with the extent of their participation in the activity.

Summa Health System is accredited by the Ohio State Medical Association to sponsor continuing medical education for physicians.

**May 19, 2010
5 - 6 p.m.**

Location:

Akron Children's Hospital
Considine Auditorium
One Perkins Square
Akron OH 44308

Who should attend:

This seminar is perfect for graduates, medical students, residents, fellows nursing students, medical professionals



Synergy Seminar

REGISTRATION FORM

(Please fax to 330-379-1192 Attention: Teri Donohue or e-mail tdonohue@abiakron.org)

We are interested in attending the seminar. Please register the following from our organization:

	NAME	PROFESSION
1.	_____	_____
2.	_____	_____
3.	_____	_____
4.	_____	_____
5.	_____	_____

Organization Complete Address: _____

Telephone Number(s) _____

Fax Number _____