

Earn up to 5.75 AMA PRA Category 1 Credits™ and 5.00 ABIM Medical Knowledge MOC Part 2 Points. This activity is eligible for 5.75 contact hours of ANCC credit. Approved for 5.75 AAFP Elective credits.

[Register Online here.](#)



Virtual and In-Person

**The 48<sup>th</sup> Annual  
William K. Ishmael Rheumatology Symposium and  
Second Annual Morris Reichlin Memorial Lectureship  
Friday, April 1, 2022**

**The 48<sup>th</sup> Annual William K. Ishmael Rheumatology Symposium & Second Annual Morris Reichlin Memorial Lectureship** will be presented by the Department of Internal Medicine-Division of Rheumatology, Immunology, and Allergy on **Friday, April 1, 2022 from 7:30 am – 4:00 pm**. This one-day event will be held virtually via Zoom and in-person.

The symposium aims to disseminate the latest in basic and clinical rheumatologic research to healthcare providers in the state of Oklahoma. This one-day event will feature a range of subject experts, including University of Oklahoma College of Medicine faculty as well as distinguished guest presenters.

Presentations will include a “meet the professor” concurrent sessions, conducted in a small-group discussion format. Interesting cases from first-hand clinical experience promise to be informative and beneficial.

Attendees will be asked to complete a questionnaire provided at the close of the activity to help evaluate its effectiveness.

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#### **Learning Format:**

Virtual and In-Person.

#### **Activity Description:**

This intensive one day offering that includes a review and update on major subject areas in rheumatology. The faculty chosen to speak are recruited locally and from nationally recognized leaders in their fields. The topics are chosen from the prior year’s participant suggestions. The seminars are focused on practical diagnosis, treatment, and latest research in areas related to the successful delivery of rheumatology health care and patient outcomes. The University of Oklahoma College of Medicine faculty is nationally recognized for their expertise in the management of complex conditions that is unavailable elsewhere in the state, region or sometimes even the nation. This is a very fast-paced symposium with five lectures and five concurrent meet the professor sessions.

#### **Intended/Target Audience:**

Physicians, Advanced Practice Registered Nurses, Physician Assistants, Nurse Practitioners and specialty physicians including: Allergy, Immunology, Family Medicine, General Medicine, Hematology, Immunology, Internal Medicine, Orthopedic Surgery & Rehabilitation, Pulmonary Medicine, Research, Rheumatology and Sleep Medicine.

#### **Overall Professional Practice Gaps:**

**GAP 1:** While genetic predisposition to autoimmune disease is widely acknowledged, there is growing identification of common environmental risk factors increasing risks of multiple autoimmune diseases, including systemic lupus erythematosus and rheumatoid arthritis. The pathways by which these factors act have yet to be worked out, but many are modifiable, allowing the possibility of intervention to reduce risk of autoimmune diseases and their heavy burden of morbidity in the population.

**GAP 2:** Many rheumatologists do not recognize newly discovered autoinflammatory disorders that arise from somatic mutations.

**GAP 3:** Discontinuation of Denosumab for osteoporosis results in rebound bone resorption.

**GAP 4:** Despite aggressive therapy, ILD often progresses and remains the leading cause of morbidity and mortality for many

connective tissue diseases. The optimal treatment approach for patients with CTD-ILD remains a topic of debate and active research within the pulmonary and rheumatology communities.

**GAP 5:** Despite increased molecular understanding in osteoarthritis pathogenesis, translational benefit to date has been modest. Understanding how to refine basic science findings to realize optimal targeting strategies is key for the next phase of prevention or novel therapeutic development.

#### **Overall Learning Objectives:**

Upon completion of this activity, participants will improve their competence and performance by being able to:

1. Discuss how genes and the environment are thought to interact in the pathogenesis of autoimmune diseases
2. Describe modifiable and non-modifiable risk factors for autoimmunity
3. Recognize potential strategies for prevention of autoimmune diseases, in particular among those at the highest risk
4. Recognize the most common parenchymal pulmonary manifestations of various connective tissue diseases
5. Recognize the implications for serologic testing in ILD patients with and without a definitive connective tissue disease
6. Use the treatment algorithms most commonly used in patients with CTD-ILD
7. Appreciate recent advances in osteoarthritis molecular pathogenesis
8. Recognize the importance of multidisciplinary approaches to refine translational target discovery
9. Recognize possible cellular and molecular mechanisms responsible for rebound resorption
10. Prevent bone loss after treatment with denosumab.
11. Recognize patterns of autoinflammatory diseases.

#### **Accreditation Council for Graduate Medical Education (ACGME) American Board of Medical Specialties (ABMS) Competencies:**

- Medical knowledge
- Employ Evidence-Based Practice





**Mary Beth Humphrey, MD, PhD**

Professor of Medicine  
Section Chief of Rheumatology, Immunology, and Allergy  
OU Health

**Moderator**



**Morris Reichlin Memorial Lecturer**

**Charles A. O'Brien, PhD**

Professor of Medicine  
Section of Endocrinology  
University of Arkansas for Medical Sciences

**Presentation: Osteoclast Formation: Who's in Control?**



**Karen H. Costenbader, MD, MPH**

Professor of Medicine  
Section of Rheumatology, Immunology, and Allergy  
Harvard Medical School

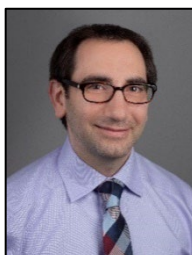
**Presentation: Environmental Factors in Autoimmunity**



**Peter C. Grayson, MD, MSc**

Chief, Vasculitis Translational Research Program  
National Institute of Arthritis and Musculoskeletal and Skin Diseases

**Presentation: Somatic Mutations in Rheumatologic Diseases: VEXAS Syndrome and Beyond**



**Robert Hallowell, MD**

Assistant Professor of Medicine  
Division of Pulmonology and Critical Care  
Harvard Medical School

**Presentation: What We Think We Know About CTD-ILD: Bridging the Pulmonary-Rheumatology Divide**



**Tonia L. Vincent, MD, PhD**

Professor of Musculoskeletal Biology  
Honorary Consultant Rheumatologist  
Kennedy Institute of Rheumatology  
University of Oxford, Oxford, London

**Presentation: From Target Discovery to New Therapies in Osteoarthritis**

# PROGRAM

## The 48<sup>th</sup> Annual William K. Ishmael Rheumatology Symposium & Second Annual Morris Reichlin Memorial Lectureship

Friday, April 1, 2022

7:30 am – 4:00 pm

### MORNING SESSION

Moderator: Mary Beth Humphrey, MD, PhD

- 7:30 – 8:30 am Visit Exhibitors
- 8:00 – 8:15am Record Attendance
- 8:15 – 8:30 am Welcome and Introductions, CME Instructions..... **Mary Beth Humphrey, MD, PhD**  
Professor and Section Chief Rheumatology, Immunology, and Allergy  
OU Health
- 8:30 – 9:30 am **Morris Reichlin Memorial Lecturer:** ..... **Charles A. O'Brien, PhD**  
**Osteoclast Formation: Who's in Control?** Professor of Medicine, Division of Endocrinology  
University of Arkansas for Medical Sciences
- 9:30-10:30 am **Somatic Mutations in Rheumatologic Diseases: VEXAS Syndrome ..... Peter C. Grayson, MD, MSc**  
**and Beyond** Chief, Vasculitis Translational Research Program  
National Institute of Arthritis and Musculoskeletal and Skin Diseases
- 10:30-11:00 am Morning Coffee Break/ Visit Exhibitors
- 11:00-12:00 am **From Target Discovery to New Therapies in Osteoarthritis** ..... **Tonia Vincent, MD, PhD**  
Professor of Musculoskeletal Biology  
University Oxford
- 12:00-1:00 pm Lunch/ Visit Exhibitors

### AFTERNOON SESSION

Moderator: Mary Beth Humphrey, MD, PhD

- 1:00-2:00 pm **What We Think We Know About CTD-ILD:**..... **Robert Hallowell, MD, MPH**  
**Bridging the Pulmonary-Rheumatology Divide** Assistant Professor of Medicine,  
Section of Pulmonary and Critical Care  
Harvard Medical School
- 2:00-3:00 pm **Environmental Factors in Autoimmunity** ..... **Karen H. Costenbader, MD, MPH**  
Professor of Medicine, Division Rheumatology, Immunology, and Allergy  
Harvard Medical School
- 3:00-3:45 pm **Meet the Professor Sessions: Open Forum Discussion of Audience Cases**  
Environmental Factors in Autoimmunity..... Karen H. Costenbader, MD, MPH  
What We Think We Know About CTD-ILD: ..... Robert Hallowell, MD, MPH  
Bridging the Pulmonary-Rheumatology Divide  
Osteoclast Formation: Who's in Control?..... Charles A. O'Brien, PhD  
From Target Discovery to New Therapies in Osteoarthritis ..... Tonia L. Vincent, MD, PhD
- 3:45 – 3:50 pm **Wrap-up**..... **Mary Beth Humphrey, MD, PhD**

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[Register online here.](#)

#### ACCME/AMA PRA Accreditation Statement:

The University of Oklahoma College of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The University of Oklahoma College of Medicine designates this live activity for a maximum of 5.75 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.



#### ABIM MOC Recognition Statement:

Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 5.00 Medical Knowledge MOC points in the American Board of Internal Medicine's (ABIM) Maintenance of Certification (MOC) program. Participants will earn MOC points equivalent to the amount of CME credits claimed for the activity. It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC credit.

Within 60 days of the end of the session, ABIM MOC Points will be reported on your behalf.

For information about ACCME accreditation and ABIM MOC for this session, please email [myrna-page@ouhsc.edu](mailto:myrna-page@ouhsc.edu).

By providing your ABIM number, you consent to have the OUHSC CPD Office submit your participation in this activity to the ABIM through the ACCME PARS system.

#### Nursing Continuing Education

##### ANCC Accreditation Statement:

OU Medicine, Inc. is accredited with distinction as a provider of nursing continuing professional development by the American Nurses Credentialing Center's Commission on Accreditation.

##### CNE Disclosure Statements:

OU Medicine, Inc. is accredited with distinction as a provider of nursing continuing professional development by the American Nurses Credentialing Center's Commission on Accreditation.

5.75 CNE contact hours will be awarded for meeting the following criteria: 90% attendance of conference, completion and submission of evaluation form.

This educational activity does not include any content that relates to the products and/or services of a commercial interest that would create a conflict of interest.

##### AAFP Accreditation Statement:

The AAFP has reviewed 48<sup>th</sup> Annual Ishmael Rheumatology Symposium and 2nd Annual Morris Reichlin Memorial Lectureship and deemed it acceptable for up to 5.75 Live AAFP Elective credits. Term of Approval is from 04/01/2022 to 04/01/2022. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

##### Mitigation Statement:

The University of Oklahoma College of Medicine, Office of Continuing Professional Development has reviewed this activity's planner and presenter disclosures and has mitigated all relevant financial relationships with ineligible companies, if applicable.

##### Policy on Faculty and Presenters Disclosure:

It is the policy of the University of Oklahoma, College of Medicine that the faculty and presenters disclose real or apparent conflicts of interest relating to the topics of this educational activity, and also disclose discussions of unlabeled/unapproved uses of drugs or devices during their presentation(s).

##### Acknowledgement of Commercial and In-Kind Support:

**Commercial support** is financial, or in-kind, contributions given by an ineligible company, which is used to pay all or part of the costs of a CME activity. An ineligible company is any company whose primary business is producing, marketing, selling, re-selling, or distributing healthcare products used by or on patients.

**This activity received no commercial or in-kind support.**

**University Equal Opportunity / Non-Discrimination Statement:**

The University of Oklahoma, in compliance with all applicable federal and state laws and regulations, does not discriminate on the basis of race, color, national origin, sex, sexual orientation, genetic information, gender identity, gender expression, age, religion, disability, political beliefs, or status as a veteran in any of its policies, practices, or procedures. This includes, but is not limited to: admissions, employment, financial aid, housing, services in educational programs or activities, or health care services that the university operates or provides.

To file a grievance related to the non-discrimination policy, report sexual misconduct, and/or file a formal complaint of sexual misconduct, please utilize the reporting form at [link.ou.edu/reportingform](http://link.ou.edu/reportingform).

Inquiries regarding non-discrimination policies may be directed to the Office(s) of Institutional Equity as may be applicable – Norman campus: (405) 325-3546/3549, Health Sciences Center: (405) 271-2110, or OU-Tulsa Title IX Office: (918) 660-3107. Additionally, individuals may visit [www.ou.edu/eoo](http://www.ou.edu/eoo).

**Disclaimer Statement:**

Statements, opinions and results of studies contained in the program are those of the presenters and authors and do not reflect the policy or position of the Board of Regents of the University of Oklahoma (“OU”) nor does OU provide any warranty as to their accuracy or reliability.

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**Accommodation Statement:**

For accommodations, please contact Nicole Lung at (405) 271-2330 or [nicole-lung@ouhsc.edu](mailto:nicole-lung@ouhsc.edu) as soon as possible.

**Planning Committee Members:**

Mary Beth Humphrey, MD, PhD – **Course Director**

Nicole L. Lung, MS – **Course Contact**

Jerry Carrell, PA-C

Rabia S. Cheema, MD

Carol L. Davenport, MSN, RN-BC, NPD-BC

Matlock A. Jeffries, MD, FACP, FACR

Aikaterina (Katherine) Thanou, MD

Samera Vaseer, MD



# REGISTRATION

## The 48<sup>th</sup> Annual William K. Ishmael Rheumatology Symposium & Second Annual Morris Reichlin Memorial Lectureship

Friday, April 8, 2022

7:30 am – 4:00 pm

REGISTRATION TYPE	VIRTUAL		IN-PERSON	
	Early (deadline March 21, 2022)	Late (beginning March 22, 2022)	Early (deadline March 21, 2022)	Late (beginning March 22, 2022)
Physicians (MD/DO)	\$ 100	\$ 125	\$100	\$125
Other Health-care (Nurses, PharmD, PAs, etc.)	\$ 75	\$ 100	\$75	\$100
Non-Healthcare	\$ 100	\$ 125	\$100	\$125
OU Section of Rheumatology Faculty	<i>*Free. Contact Nicole L. Lung for promo code before registering.</i>		<i>*Free. Contact Nicole L. Lung for promo code before registering.</i>	
Fellows & VA Physician Assistants	<i>*Free. Contact Nicole L. Lung for promo code before registering.</i>		<i>*Free. Contact Nicole L. Lung for promo code before registering.</i>	
Residents & Students	<i>*Free. Contact Nicole L. Lung for promo code before registering.</i>		<i>*Free. Contact Nicole L. Lung for promo code before registering.</i>	
* Contact Nicole L. Lung for <b>promo code</b> before registering. (405-271-2330 / <a href="mailto:Nicole-Lung@ouhsc.edu">Nicole-Lung@ouhsc.edu</a> )				

- Registration Fee for Virtual attendance includes course materials and CME credit.
- No registration refunds will be made after March 28, 2022.
- Written notification of cancellation must be postmarked on or before March 28, 2022.
- Cancellation Fee is **\$25**.
- Confirmations will be emailed (This annual conference is subject to cancellation if registration is insufficient, in which case all registration fees will be refunded.).

Payment Method for departmental transfers\* or purchase orders, contact Jim Albertson ([james-albertson@ouhsc.edu](mailto:james-albertson@ouhsc.edu) or 405-271-2350 Ext. 6).

\*Spreadsheet Information for Cost Transfers: MISCA MED00015 00014 00000 | Tax ID: #73-156-3627

Credit card payments (VISA, MasterCard, & Discover) are accepted online.

For questions or more information, contact Jim Albertson ([james-albertson@ouhsc.edu](mailto:james-albertson@ouhsc.edu) or 405-271-2350 Ext. 6).

