

Accepted Manuscript

Vascular patterning in human heterotopic ossification

Margaret Cocks MD, Aditya Mohan, Carolyn A. Meyers BS, Catherine Ding BS, Benjamin Levi MD, Edward McCarthy MD, Aaron W. James MD, PhD

PII: S0046-8177(17)30077-1
DOI: doi: [10.1016/j.humpath.2017.03.005](https://doi.org/10.1016/j.humpath.2017.03.005)
Reference: YHUPA 4157

To appear in: *Human Pathology*

Received date: 26 January 2017
Revised date: 15 February 2017
Accepted date: 2 March 2017



Please cite this article as: Cocks Margaret, Mohan Aditya, Meyers Carolyn A., Ding Catherine, Levi Benjamin, McCarthy Edward, James Aaron W., Vascular patterning in human heterotopic ossification, *Human Pathology* (2017), doi: [10.1016/j.humpath.2017.03.005](https://doi.org/10.1016/j.humpath.2017.03.005)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Vascular patterning in human heterotopic ossification

Margaret Cocks, M.D.^a, Aditya Mohan^a, Carolyn A. Meyers, B.S.^a, Catherine Ding, B.S.^a, Benjamin Levi, M.D.^b, Edward McCarthy, M.D.^a, Aaron W. James, M.D., Ph.D.^{a*}

^a Department of Pathology, Johns Hopkins University, 21205; ^b Department of Surgery, University of Michigan, 48109.

*Correspondence: Aaron W. James, M.D., Ph.D., Department of Pathology, Johns Hopkins University, Ross Research Building, Room 524A, 720 Rutland Avenue, Baltimore MD 21205; Tel: (410) 955-9790; Fax: (410) 955-0394; Email: awjames@jhmi.edu

Acknowledgments: The present work was supported by the NIH/NIAMS (K08 AR068316), Orthopaedic Research and Education Foundation with funding provided by the Musculoskeletal Transplant Foundation, and Catherine and Constantinos J. Limas Research Award.

Running Head: Vascularity in HO

متن کامل مقاله

دریافت فوری ←

ISIArticles

مرجع مقالات تخصصی ایران

- ✓ امکان دانلود نسخه تمام متن مقالات انگلیسی
- ✓ امکان دانلود نسخه ترجمه شده مقالات
- ✓ پذیرش سفارش ترجمه تخصصی
- ✓ امکان جستجو در آرشیو جامعی از صدها موضوع و هزاران مقاله
- ✓ امکان دانلود رایگان ۲ صفحه اول هر مقاله
- ✓ امکان پرداخت اینترنتی با کلیه کارت های عضو شتاب
- ✓ دانلود فوری مقاله پس از پرداخت آنلاین
- ✓ پشتیبانی کامل خرید با بهره مندی از سیستم هوشمند رهگیری سفارشات