OPEN CALL

Abstract Selection Committee Member - Clinical Science 2015-2018
OPEN CALL

For Abstract Selection Committee Members (representing Clinical Science) at the European Pancreatic Club (EPC)

MINIMUM REQUIREMENTS

- Very good command of spoken and written English
- Personal commitment and time resources for volunteer work

ELIGIBILITY

- The applicant needs to be a member of the EPC during the term of abstract selection (2015-2018)
- The applicant has to be internationally acclaimed clinician
- The applicant has to have at least 2 communications (submitted abstracts, or poster, oral presentation or invited lectures) at the main or satellite EPC meetings (as a first or co-author)
- The applicant needs to assume to review the abstracts submitted for the EPC meeting within the given deadline
- The abstract scoring has to be fair and without bias
- Members of the Abstract Selection Committee are not allowed to score abstracts in which they are noted as author

TERMS OF OFFICE

- Members of the Abstract Selection Committee will be elected for 3 years (from January-January)
- Second term is not possible
- No parallel membership in EPC committees possible

SUBMITTING APPLICATIONS
Application has to be addressed to the Secretary of the EPC and must be in English.

Applications must include:

- filled application form (can be downloaded from the EPC webpage)
- CV

Applications will be filed and tagged by the Secretary of the EPC. Should the application prove deficient, the Applicant shall be notified at the e-mail address given by him/her within five working days. The Applicant then should eliminate the deficiency revealed within another five working days.

Arrival deadline for the submission: 1st May, 2014

Eligibility will be checked by the Council. Elections are performed at the General Assembly in the forthcoming EPC meeting in Southampton according to the rules stipulated in Article V in the statues of the EPC.
# APPLICATION FORM

for Abstract Selection Committee Member (representing Clinical Science) of the
European Pancreatic Club (EPC)

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<th>Personal data</th>
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<tr>
<td>1</td>
<td>Name: Vijay P. Singh</td>
<td>Username: vijaypremsingh</td>
<td>Country: USA</td>
<td>National Society: APA</td>
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<th>Membership</th>
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<td>List of years when the applicant was member of EPC (if applicable):</td>
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<td>List of years when the applicant attended the annual EPC meeting (if applicable): 2011</td>
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<td>List of years when the applicant had communication(s) at the annual main or satellite EPC meeting:</td>
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<td>List of the best 5 original/review papers in international journals:</td>
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| 4 | Previous positions at EPC or UEG |   |   |   |   |

The applicant confirms that she/he
- has read the Open call for Abstract Selection Committee Member (Clinical Science) position and fully accept its content
- has adequate time resources for volunteer work
- has good command of spoken and written English

Name  Vijay P. Singh                                      Date  May, 12\textsuperscript{th} 2014
Curriculum Vitae and Bibliography
Vijay P. Singh, MBBS

PERSONAL INFORMATION

Citizenship: United States
Work Address: Mayo Clinic
13400 East Mayo Boulevard
Scottsdale, AZ 85259
Email Address: Singh.Vijay@mayo.edu

PRESENT ACADEMIC RANK AND POSITION

Senior Associate Consultant - Division of Gastroenterology, 08/01/2013 - Present
Department of Internal Medicine, Mayo Clinic, Scottsdale, Arizona

Associate Professor of Medicine - Mayo Clinic College of Medicine 02/01/2014 - Present

EDUCATION

Postgraduate Institute of Medical Education & Research, Chandigarh, India 1989
BS, Medical Lab Technology

Panjab University, Chandigarh, India 1997
MB BS

Christian Medical College, Ludhiana, India 1997 - 1998
Internship, Medicine

Beth Israel Deaconess Medical Center and Harvard Medical School, Boston, Massachusetts 12/1998 - 06/2002
Postdoctoral Research Fellowship, Acute pancreatitis

Mayo Graduate School of Medicine, Mayo Clinic College of Medicine, Rochester, Minnesota 07/2002 - 06/2005
Resident, Internal Medicine

Mayo Graduate School of Medicine, Mayo Clinic College of Medicine, Rochester, Minnesota 07/2005 - 12/2008
Fellow, Gastroenterology

CERTIFICATION(S)

Board Certification(s)

American Board of Internal Medicine (ABIM) 2005 - Present
Internal Medicine
Gastroenterology 2009 - Present

Educational Commission for Foreign Medical Graduates (ECFMG) 1998 - Present
ECFMG

Medical Council of India
Internal Medicine 1998 - Present

**LICENSURE**

Arizona 48079
Pennsylvania MD435666

**HONORS/AWARDS**

- **Second Prize in Physiology** - Christian Medical College, Ludhiana, India 1994
- **Second Prize in Biochemistry** - Christian Medical College, Ludhiana, India 1994
- **Second Prize in Anatomy** - Christian Medical College, Ludhiana, India 1994
- **Distinction in Biochemistry** - Panjab University, Chandigarh, India 1994
- **First Prize in Pediatrics** - Christian Medical College, Ludhiana, India 1998
- **First Prize in Ophthalmology** - Christian Medical College, Ludhiana, India 1998
- **First Prize in Otolaryngology** - Christian Medical College, Ludhiana, India 1998
- **APA Travel Award** - American Pancreatic Association, Los Angeles, California 2000
- **Best Abstract in Pancreatitis at 41st Annual Meeting** - American Pancreatic Association 11/2010
- **Poster of Distinction** - Digestive Disease Week (AASLD/AGA/ASGE/SSAT) 05/2011
- **Posters of Distinction (2)** - Digestive Disease Week (AASLD/AGA/ASGE/SSAT) 05/2013

**PREVIOUS PROFESSIONAL POSITIONS AND MAJOR APPOINTMENTS**

- **Senior Biochemist** - Public Clinical Laboratories-Moga, Punjab, India 1989 - 1992
- **Instructor of Medicine** - Mayo Clinic College of Medicine 07/01/2006 - 07/04/2007
- **Assistant Professor** - Division of Gastroenterology Hepatology and Nutrition, University of Pittsburgh School of Medicine, Pittsburgh, Pennsylvania 2009 - 07/2013

**PROFESSIONAL & COMMUNITY MEMBERSHIPS, SOCIETIES AND SERVICES**

**Professional Memberships & Services**

- **American Gastroenterology Association**
  Member 2000

- **American Pancreatic Association**
  Member 1998

- **American Society for Cell Biology**
Member 2006
American Society of Biochemistry and Molecular Biology
Member 2012

JOURNAL RESPONSIBILITIES

Journal Other Responsibilities

American Journal of Pathology
Reviewer
Gastroenterology
Reviewer
Gut
Reviewer
Hepatology
Reviewer
Journal of Clinical Investigation
Reviewer
Pancreas
Reviewer
Pancreatology
Reviewer

EDUCATIONAL ACTIVITIES

Teaching
Research Methodology; Biochemical, Cell Biological and Histological Techniques
1998 - 2002
As a research fellow in the Pancreas Research Group, I was responsible for teaching and training undergraduate, graduate and summer students along with research fellows and post-doctoral associates who were part of our group. Typically I had 2 to 4 such trainees. Most of them had no prior knowledge in the areas of pancreatitis and many times had no experience in research. My main task was to teach them research methodology and train them in a variety of biochemical, cell biological, and histological techniques. I also taught the students and fellows in the group how to calculate, interpret and present their experimental findings and write and prepare manuscripts.
Harvard Medical School and Beth Israel Deaconess Medical Center
Boston, Massachusetts
Principles of Management of Important GI Diseases  
As a fellow in gastroenterology, I taught residents the principles of management of important GI diseases. I also attempted to bridge the gap between the bench and the bedside pertaining to acute pancreatitis by presenting original work with potential therapeutic implications at departmental conferences.  
Mayo Clinic  
Rochester, Minnesota

Case-based Management of Gastrointestinal Problems  
As a clinician scientist, I mentored residents with an academic interest and guided my lab personnel in the design and execution of their experiments. I also taught case-based management of gastroenterological problems and took didactic lectures in gastroenterology.  
University of Pittsburgh  
Pittsburgh, Pennsylvania

Invited Lecture  
Division Grand Rounds Representing Pancreas and Biliary Center of Excellence  
University of Pittsburgh Medical Center Presbyterian  
Pittsburgh, Pennsylvania

Obesity and Free Fatty Acids in Severe Acute Pancreatitis  
CME Presented  
University of Pittsburgh  
Pittsburgh, Pennsylvania

What Drives Organ Dysfunction in SAP: Cytokines or Fatty Acids?  
CME Presented  
University of Pittsburgh  
Pittsburgh, Pennsylvania

Mentorship

Song, Albert, MD (Research Fellow)  
Description: Harvard Medical School, Boston, MA  
Current Status: Surgeon, Kaiser Permanent

Mykoniotis, Andreas, MD (Research Fellow)  
Description: Harvard Medical School, Boston, MA  
Current Status: Gastroenterologist, University of Chicago

van Acker, Gijs, MD (Research Fellow)  
Description: Harvard Medical School, Boston, MA  
Current Status: Gastrointestinal Surgeon, Academic Medical Center, Amsterdam, Netherlands

Charania, Munira, MD (Research Fellow)  
Description: Harvard Medical School, Boston, MA  
Current Status: Diagnostic Radiologist, Atlanta, GA

Orlichenko, Lidlya, PhD (Research Associate)  
Description: University of Pittsburgh, Pittsburgh, PA  
Current Status: Research Assistant Professor, University of Pittsburgh  
Outcomes: (First author: Paper 20, 26, Co-author: 20, 28, 29)
Acharya, Chathur, MD (Medical Resident) 2010 - 2013
**Description:** UPMC McKeesport, McKeesport, PA
**Current Status:** Assistant Professor, Virginia Commonwealth University
**Outcomes:** (First author: Paper 29, Abstract 29, 31, 34. Co-author: Paper 20, 28)

Durgampudi, Chandra, MD (Medical Resident) 2010 - 2013
**Description:** UPMC McKeesport, McKeesport, PA
**Current Status:** Clinical Assistant Professor, UPMC Passavant, Pittsburgh, PA
**Outcomes:** (First author: Abstract 30, 32, 36. Co-author: Paper 20, 28, 29)

Noel, Pawan, PhD (Postdoctoral Fellow) 2011 - 2013
**Description:** Mayo Clinic, Scottsdale, AZ
**Current Status:** Postdoctoral Fellow
**Outcomes:** (First Author: Abstract 33, 35. Co-author: Paper 26, 28, 29)

Mishra, Vivek, PhD (Postdoctoral Fellow) 2012 - 2013
**Description:** University of Pittsburgh, Pittsburgh, PA
**Current Status:** Postdoctoral Fellow
**Outcomes:** (First Author: Paper 28, Co-author: 29)

Patel, Krutika (Postdoctoral Fellow) 2012 - 2013
**Description:** Mayo Clinic, Scottsdale, AZ
**Current Status:** Postdoctoral Fellow
**Outcomes:** (Co-Author: Paper 28, 29)

Pannala, Rahul, MD (Assistant Professor) 2013 - 2014
**Description:** Mayo Clinic, Scottsdale, AZ
**Current Status:** Assistant Professor
**Outcomes:** PI, Mayo MEGA Award

**PRESENTATIONS**

**International**

- Obesity and Acute Pancreatitis: Mechanistic Correlations 03/2011
  Invited Lecture
  International Research Workshop on Acute Pancreatitis
  Szeged, Hungary

**National**

- Session Moderator 11/2007
  38th Annual Meeting of the American Pancreatic Association
  Chicago, Illinois

- Session Moderator 11/2010
  41st Annual Meeting of the American Pancreatic Association
  Chicago, Illinois

- Intrapancreatic Fat Increases Local Necrosis in Obese Patients via Unsaturated Fatty Acids (UFAs) 11/2010
  41st Annual Meeting of the American Pancreatic Association
  Chicago, Illinois
Pancreas
Plenary Talk
Digestive Disease Week
Chicago, Illinois
Session Moderator
42nd Annual Meeting of the American Pancreatic Association
Chicago, Illinois
Lipotoxicity Determines Outcomes of Acute Pancreatitis in Obesity
Invited Lecture
43rd Annual Meeting of the American Pancreatic Association
Miami Beach, Florida
GI MedTech Opportunities: Pancreatitis
Fourth Annual AGA Tech Summit
East Palo Alto, California
Session Moderator
Digestive Disease Week
Orlando, Florida

Regional
Obesity and Acute Pancreatitis: From Deathbed to Bench
Invited Lecture
Yale University
New Haven, Connecticut
Lipotoxicity: A Major Player in Outcomes of Pancreatitis
Department of Molecular and Cell Biology, Boston University Henry M.
Goldman School of Dental Medicine
Boston, Massachusetts

CLINICAL PRACTICE, INTERESTS, AND ACCOMPLISHMENTS

1. Comprehensive gastroenterology
2. Pancreatic disorders with a focus on acute pancreatitis.

RESEARCH INTERESTS

1. Etiology and pathophysiology of acute and chronic pancreatitis.
2. Vesicular trafficking in the pancreatic acinar cell.
3. Cytoskeletal regulation in the acinar cell.
4. Stimulus-secretion coupling (intracellular signal transduction) in the pancreatic acinar cell.
5. Mechanisms of pre-mature intra-acinar cell activation of digestive enzyme zymogens.
6. Role of Src and PI-3Kinases in pancreatitis.
7. Regulation and role of aberrant tyrosine phosphorylation in acinar cell injury.
8. Alterations of intracellular calcium homeostasis in pancreatitis.
9. Role of apoptosis vs. necrosis in pancreatitis.
10. Relationship between pancreatitis and lung injury.
11. Mechanistic relations between obesity and acute pancreatitis.
RESEARCH GRANTS AWARDED

Active Grants

Federal

Principal Investigator

Obesity related pancreatic fat worsens local injury via unsaturated fatty acids. Funded by National Institute of Diabetes and Digestive and Kidney Disease, National Institutes of Health. (R01 DK092460-01)

07/2011 - 04/2016

Principal Investigator

Transgastric Local Pancreatic Hypothermia: A Novel, Rapid Multimodal Therapy for Acute Pancreatitis. Funded by Department of the Army. (PR110417)

09/2012 - 09/2015

Program Director / Principal Investigator

Obesity related pancreatic fat worsens local injury via unsaturated fatty acids. Funded by National Institute of Diabetes and Digestive and Kidney Diseases. (R01 R01DK092460)

08/2013 - 04/2016

Co-Program Director / Principal Investigator

Calcineurin in Pancreatitis. Funded by National Institute of Diabetes and Digestive and Kidney Disease, National Institutes of Health. (R01 DK093491-01)

09/2011 - 06/2016

Completed Grants

Federal

Principal Investigator

Obesity and Acute Pancreatitis, Clinico-pathologic and Mechanistic Correlations. Funded by National Center for Research Resources (NCRR) and NIH Roadmap for Medical Research. (UL1 RR024153)

11/2009 - 10/2010

Principal Investigator

Role of Src in Antegrade Golgi Expansion and Autophagic Acinar Cell Death. Funded by National Pancreas Foundation.

06/2010 - 05/2011

PATENTS

Title

Gastroduodenal Balloon Tubes and Methods for Use in Localized Hypothermia

Patent number

US 8529612

Date filed

06/24/2009

Date issued

09/10/2013

Inventors: Singh VP
BIBLIOGRAPHY

Peer-reviewed Articles


Book Chapters


**Editorials**


**Abstracts**


12. Singh VP, Saluja AK, Bhagat L, Song A, Mykoniotis A, van Acker GJD, Steer ML. Secretagogue (caerulein)-induced intrapancreatic activation of trypsinogen is mediated by protein kinase C (PKC), phosphoinositide-3-kinases (PI-3Ks) and tyrosine kinases (TKs). Gastroenterology. 2001 Apr; 120(5 suppl 1):A337.


20. Singh VP, Schroeder B, McNiven M. The large GTPase dynamin localizes to and is involved in zymogen secretion at the pancreatic acinar cell apical membrane. Gastroenterology. 2006 Apr; 130(4 Suppl 2).


