

## **Course information “Review Article Writing” 5 hp**

This PhD course is given on-demand by the Biomedical Engineering division at the Department of Materials Science and Engineering. The aim of the course is to give the PhD students both theoretical and practical experience on how to write a review article. The topic of the review article is chosen to suit the PhD students' research projects.

The course comprises ten seminars organized every three to four weeks. In addition to this, the PhD students will meet with their senior mentors as necessary throughout the writing process. At each seminar a general topic will be introduced and discussed (~30 min). The following 1 hr will be used to discuss how these topics relate to the students' writing assignment and for practical training.

The course corresponds to 5 hp and active participation on at least eight seminars as well as completion of the written assignment is required to pass the course. Course credits are given when the final review article is published.

### **Course material**

Research articles from the literature, as appropriate for each respective article.

### **Topics covered in the course**

- What is a review article?
- Considerations regarding focus of the manuscript (e.g. topics, time, audience)
- How to define a cover letter and get commissioned for writing a review article
- Manuscript layout, focus and structure
- How to perform a thorough literature search
- Selecting appropriate articles and summarizing the field
- Scientific writing – getting a “flow” in the manuscript
- Copyrights for images
- Reference list styles
- The process of article submission
- Answering to reviewers' comments

### **Written assignments**

Each PhD student will be assigned a specific section in the review article that they will be responsible for writing. In relation to this, each student will be required to i) perform thorough literature search on the specific topic ii) read relevant articles iii) summarize the main findings from the literature search and iv) compile the information into a dedicated section in the review manuscript. The final part also includes selecting images that shall be included and preparing the complete reference list.

Each PhD student will have a senior mentor assigned to support in the writing process with regular meetings.

### **Teachers**

Maria Tenje: maria.tenje@angstrom.uu.se, room 1213, phone 018- 471 70 61 (Course responsible)

## **Course information “Review Article Writing” 2.5 hp**

This PhD course is given on-demand by the Biomedical Engineering division at the Department of Materials Science and Engineering, Uppsala University. The aim of the course is to give the PhD students both theoretical and practical experience on how to write a review article. The topic of the review article is chosen to suit the PhD students' research projects.

The course comprises 20 seminars to support in the writing process. In addition to this, the PhD students will meet with their writing colleagues and supervisor as necessary throughout the writing process.

The course corresponds to 2.5 hp and active participation on at least eight seminars as well as completion of the written assignment is required to pass the course. Course credits are given when the final review article is published.

### **Course material**

Research articles from the literature, as appropriate for each respective article.

### **Topics covered in the course**

- What is a review article?
- Considerations regarding focus of the manuscript (e.g. topics, time, audience)
- Manuscript layout, focus and structure
- How to perform a thorough literature search
- Selecting appropriate articles and summarizing the field
- Scientific writing – getting a “flow” in the manuscript
- Copyrights for images
- Reference list styles
- The process of article submission
- Answering to reviewers' comments

### **Written assignments**

Each PhD student will be assigned a specific section in the review article that they will be responsible for writing. In relation to this, each student will be required to i) perform thorough literature search on the specific topic ii) read relevant articles iii) summarize the main findings from the literature search and iv) compile the information into a dedicated section in the review manuscript. The final part also includes selecting images that shall be included and preparing the complete reference list.

### **Teacher**

Maria Tenje: maria.tenje@angstrom.uu.se, room 1213, phone 018- 471 70 61 (Course responsible)