

FLORIDA ATLANTIC UNIVERSITY™

Graduate Programs—NEW COURSE PROPOSAL¹

UGPC APPROVAL _____
 UFS APPROVAL _____
 SCNS SUBMITTAL _____
 CONFIRMED _____
 BANNER POSTED _____
 CATALOG _____

DEPARTMENT: BIOMEDICAL SCIENCE

COLLEGE: CHARLES E. SCHMIDT COLLEGE OF MEDICINE

RECOMMENDED COURSE IDENTIFICATION:

PREFIX PCB COURSE NUMBER 5849 LAB CODE (L or C) No Lab

(TO OBTAIN A COURSE NUMBER, CONTACT MJENNING@FAU.EDU)

COMPLETE COURSE TITLE: NEUROBIOLOGY OF ADDICTION

EFFECTIVE DATE

(first term course will be offered)

SPRING 2015

CREDITS: 3

TEXTBOOK INFORMATION:

Drugs, Addiction, and the Brain

Authors: G.F. Koob, M.A. Arends, M. LeMoal (2014)

GRADING (SELECT ONLY ONE GRADING OPTION): REGULAR SATISFACTORY/UNSATISFACTORY _____

COURSE DESCRIPTION, NO MORE THAN THREE LINES: This course is intended to provide graduate students with fundamental information on molecular, cellular, and neurocircuitry systems in the brain that are responsible for drug addiction. Common neurobiological elements are emphasized that provide novel insights into how the brain mediates the acute rewarding effects of drugs of abuse and how it changes during the transition from initial drug use to compulsive drug use and addiction.

PREREQUISITES *: NONE

COREQUISITES*: NONE

REGISTRATION CONTROLS (MAJOR, COLLEGE, LEVEL)*:

INSTRUCTOR PERMISSION REQUIRED

* PREREQUISITES, COREQUISITES AND REGISTRATION CONTROLS WILL BE ENFORCED FOR ALL COURSE SECTIONS.

MINIMUM QUALIFICATIONS NEEDED TO TEACH THIS COURSE: BIOMEDICAL OR COM FACULTY

Faculty contact, email and complete phone number:

Dr. Ceylan Isgor

cisgor@fau.edu

Tel. (561) 297- 0712

Please consult and list departments that might be affected by the new course and attach comments.

Charles E. Schmidt College of Science (see attached letter)

Center for Complex Brain Diseases (see attached letter)

Psychology Department (see attached letter)

Approved by:

Department Chair: _____

College Curriculum Chair: _____

College Dean: _____

UGPC Chair: _____

Graduate College Dean: _____

UFS President: _____

Provost: _____

Date:

9/22/14

9/22/14

9/23/14

10/8/14

10-15-14

1. Syllabus must be attached; see guidelines for requirements: www.fau.edu/provost/files/course_syllabus.2011.pdf

2. Review Provost Memorandum: **Definition of a Credit Hour** www.fau.edu/provost/files/Definition_Credit_Hour_Memo_2012.pdf

3. Consent from affected departments (attach if necessary)

Email this form and syllabus to UGPC@fau.edu one week before the University Graduate Programs Committee meeting so that materials may be viewed on the UGPC website prior to the meeting.

NEUROBIOLOGY OF ADDICTION- Spring 2015

Course # PCB (TBD) – 3 credits
Course Requisites: Instructor Permission
Instructors: Dr. C. Isgor - cisgor@fau.edu
Course hour: one a week- TBD
Place: TBD
Office hour & place: By appointment Rm 323

Text: Drugs, Addiction, and the Brain
Authors: G.F. Koob, M.A. Arends, M. LeMoal (2014)

Course Description: This course is intended to provide graduate students with fundamental information on molecular, cellular, and neurocircuitry systems in the brain that are responsible for drug addiction. Common neurobiological elements are emphasized that provide novel insights into how the brain mediates the acute rewarding effects of drugs of abuse and how it changes during the transition from initial drug use to compulsive drug use and addiction. Students will be expected to attend all lectures and participate in in-class discussions, complete 2 in-class exams and give assigned journal article presentations in order to attain full marks. *Attendance will be taken every class.*

Course Objective: The course is aimed to provide a comprehensive review of drug use, abuse and addiction process from behavioral, neurophysiological and neuropharmacological points of view. The course will introduce common drugs of abuse, and the brain circuitry mediating their effects as well as cover neuroadaptive processes initiated with repeated exposure of each class of abused substances.

Course Schedule:

Date	Topic
January 6	Fundamental Theories of Addiction An Overview
January 13	Neuropsychopharmacological Principles Pharmacokinetics
January 20	Animal Models of Addiction (Topics will be distributed for Journal Presentations)
January 27	Psychostimulants: Physiology, Behavioral Effects, Pharmacokinetics
February 3	Journal Presentation Week # 1

February 10	Opioids: Physiology, Behavioral Effects, Pharmacokinetics
February 17	Midterm EXAM (35% of final grade; multiple choice and short essay format)
February 24	Alcohol: Physiology, Behavioral Effects, Pharmacokinetics (Topics will be distributed for Journal Presentations)
March 3	SPRING BREAK
March 10	Journal Presentation Week # 2
March 17	Nicotine: Physiology, Behavioral Effects, Pharmacokinetics (Topics will be distributed for Journal Presentations)
March 24	Cannabinoids: Physiology, Behavioral Effects, Pharmacokinetics
March 31	Journal Presentation Week # 3
April 7	Drug Addiction: Transition from Neuroadaptation to Pathophysiology
April 14	Clinical Perspectives: Treatment of Addictions
April 23-29	FINAL EXAM (35% of final grade)

Grading:

EXAMS	70 pts
PRESENTATION	20 pts
ATTENDANCE	10 pts

Course Policies: Makeup tests and late work are not allowed unless an approved physical problem or schedule conflicting with University-approved activities

Classroom etiquette: Please refer to the FAU Catalog and Student Handbook. Compliance with university rules and regulations is expected of all students.

Academic Honor Code: Students at Florida Atlantic University are expected to maintain the highest ethical standards. Academic dishonesty is considered a serious breach of these ethical standards because it interferes with the University mission to provide a high quality education in which no student enjoys an unfair advantage over any other. Academic dishonesty is also destructive of the University community, which is grounded in a system of mutual trust and places high value on personal integrity and individual responsibility.

The FAU Honor Code requires a faculty member, student, or staff member to notify an instructor when there is reason to believe an academic irregularity is occurring in a course. The instructor must pursue any reasonable allegation, taking action where appropriate. The following constitute academic irregularities:

1. The use of notes, books or assistance from or to other students while taking an examination or working on other assignments, unless specifically authorized by the instructor, are defined as acts of cheating.
2. The presentation of words or ideas from any other source as one's own is an act defined as plagiarism.
3. Other activities that interfere with the educational mission of the University.

For full details of the FAU Honor Code, see University Regulation 4.001 at www.fau.edu/regulations/chapter4/4.001_Honor_Code.pdf.

Students With Disabilities: In compliance with the American Disabilities Act (ADA), students who require special accommodations due to a disability to properly execute coursework must register with the Office for Students with Disabilities (OSD) – in Boca Raton, SU 133 (561-297-3880); in Davie, MOD 1 (954-236-1222); in Jupiter, SR 117 (561-799-8585); or at the Treasure Coast, CO 128 (772-873-3305) – and follow all OSD procedures.



FLORIDA ATLANTIC UNIVERSITY
777 GLADES ROAD
P.O. BOX 3091
BOCA RATON, FLORIDA 33431-0991
(561) 297-2219 FAX (561) 297-2221

To Whom It May Concern:

Neurobiology of Addiction course that is scheduled to be taught by Dr. Ceylan Isgor as of Spring 2015 is a graduate level course part of the Biomedical Science curriculum and does not have overlap with any existing courses offered within the Biology or Psychology curriculum. This is a course that has clear objectives related to human disease and molecular and chemical bases of human disease.

Thanks in advance for your help getting this course evaluated and listed on time.

Ceylan Isgor, Ph.D.
Associate Professor
Department of Biomedical Science
Charles E. Schmidt College of Medicine
Florida Atlantic University
777 Glades Road
Boca Raton, FL 33431
cisgor@fau.edu

Subject: RE: biomedical science new course proposal
Date: Tuesday, September 30, 2014 at 9:54:46 AM Eastern Daylight Time
From: Janet Blanks
To: Carolina Clark

Dear Ms. Clark,

I am flying back to Florida today from California. I can not provide you with a signed letter today so I hope you can use this e-mail for your meeting.

Yes, I approve the new course proposal entitled "Neurobiology of Addiction." This course does not conflict with any course offered by the Center for Complex Systems and Brain Sciences. In fact, I expect several of our students would be interested in taking the course as an elective for our degree.

Good luck with the new course.

Janet Blanks

From: Carolina Clark
Sent: Monday, September 29, 2014 10:58 AM
To: Janet Blanks
Cc: Carolina Clark
Subject: FW: biomedical science new course proposal

Good Morning Dr. Blanks.

I am following up on the below email sent you last week for Biomedical Science new course proposal. We are hoping to propose 4 new courses at the next UGPC meeting next week, and would require your consent/non conflict letter for the attached Neurobiology of Addiction course. Could you please provide us with a written statement that you do not object to our new course proposal? The agenda for the UGPC meeting will be finalized this Wednesday October 1st, therefore all information must be submitted to them no later than this Wednesday 5 PM. Attached is the course proposal and syllabi.

Thanking you in advance for your assistance and understanding in this time-sensitive matter.

Sincerely,

Carolina Clark
Graduate Programs Coordinator
Charles E. Schmidt College of Medicine
777 Glades Road, Rm. 206-A
Boca Raton, FL, 33431-0991
561-297-4549
clarkc@fau.edu
www.med.fau.edu

From: Carolina Clark <clarkc@fau.edu>
Date: Tuesday, September 23, 2014 at 4:25 PM
To: Shari Saylor <ssaylor@fau.edu>, Janet Blanks <blanks@fau.edu>
Cc: Carolina Clark <clarkc@fau.edu>
Subject: biomedical science new course proposal

Good afternoon Dr. Blanks and Shari Saylor,

I am contacting you from the Biomedical Science Masters Program in the College of Medicine. Our program is developing new courses for our curriculum and the University Graduate Programs Committee requires our courses to be reviewed by any department that could have potential overlap so they may review the material and submit a letter of support/non conflict for our courses to be created. One of our courses is Neurobiology of Addiction (syllabus and course proposal attached). Could you please review the material and provide to us an official letter of support/non conflict from your Department Chair or Program Director? This letter will help us get approval from UGPC. Please note, this information is extremely time sensitive and it would be greatly appreciated if you could provide us with a letter of support no later than Oct 1st, as the deadline for course submittal to UGPC is a week prior to their scheduled meeting on Oct 8th.

I thank you in advance for your assistance in getting our courses approved and apologize for any inconvenience.

Sincerely,

Carolina Clark
Graduate Programs Coordinator
Charles E. Schmidt College of Medicine
777 Glades Road, Rm. 206-A
Boca Raton, FL, 33431-0991
561-297-4549
clarkc@fau.edu
www.med.fau.edu

Subject: FW: biomedical science new course proposal
Date: Wednesday, September 24, 2014 at 4:07:05 PM Eastern Daylight Time
From: David Wolgin
To: Carolina Clark
Priority: High

Caroline,

The proposed graduate course Neurobiology of Addiction contains some topics covered in our course PSB 6058 Seminar in Behavioral Neuroscience but the overlap is not great enough to constitute a conflict. I therefore support the adoption of the new course.

David

David L. Wolgin, Ph.D.
Professor and Chair
Department of Psychology
Florida Atlantic University
Boca Raton, FL 33431
E-mail: WOLGINDL@FAU.EDU
Phone: 561/297-3366
Fax: 561/297-2160

From: Shari Saylor <ssaylor@fau.edu>
Date: Tuesday, September 23, 2014 4:46 PM
To: David Wolgin <wolgindl@fau.edu>
Cc: Shari Saylor <ssaylor@fau.edu>
Subject: FW: biomedical science new course proposal

Dr. Wolgin,

Please see the e-mail and request below.

Shari

Shari Saylor, Secretary
Psychology Department, Bldg. 12, BS-101
Charles E. Schmidt College of Science
Florida Atlantic University
777 Glades Road
Boca Raton, FL 33431
561-297-3361
ssaylor@fau.edu

From: Carolina Clark
Sent: Tuesday, September 23, 2014 4:26 PM
To: Shari Saylor; Janet Blanks
Cc: Carolina Clark
Subject: biomedical science new course proposal

Importance: High

Good afternoon Dr. Blanks and Shari Saylor,

I am contacting you from the Biomedical Science Masters Program in the College of Medicine. Our program is developing new courses for our curriculum and the University Graduate Programs Committee requires our courses to be reviewed by any department that could have potential overlap so they may review the material and submit a letter of support/non conflict for our courses to be created. One of our courses is Neurobiology of Addiction (syllabus and course proposal attached). Could you please review the material and provide to us an official letter of support/non conflict from your Department Chair or Program Director? This letter will help us get approval from UGPC. Please note, this information is extremely time sensitive and it would be greatly appreciated if you could provide us with a letter of support no later than Oct 1st, as the deadline for course submittal to UGPC is a week prior to their scheduled meeting on Oct 8th.

I thank you in advance for your assistance in getting our courses approved and apologize for any inconvenience.

Sincerely,

Carolina Clark
Graduate Programs Coordinator
Charles E. Schmidt College of Medicine
777 Glades Road, Rm. 206-A
Boca Raton, FL, 33431-0991
561-297-4549
clarkc@fau.edu
www.med.fau.edu

Subject: RE: Biology Department Feedback on COM New Course Proposals-WE NEED A LETTER
Date: Monday, September 29, 2014 at 4:08:21 PM Eastern Daylight Time
From: William Brooks
To: Carolina Clark
CC: John Newcomer, David Bjorkman, Russell Ivy, Michelle Cavallo, Marc Kantorow, Rodney Murphey, Kenneth Dawson Scully, David Binninger, Colin Hughes, Dale Gawlik, Andrew Oleinikov

Great! We look forward to helping move all of these courses towards approval! Again, for the record, the sentiment was to approve the Advanced Molecular and Cell Biology but clarifications to distinguish this course from our undergraduate course should be articulated.

Randy

W. Randy Brooks, PhD

Professor of Biology
Chair, FAU Biology Undergraduate & MS Graduate Program Committees
Boca Raton, FL 33431, Phone: 561-297-3888, Email: wbrooks@fau.edu

<http://www.science.fau.edu/biology/faculty/wbrooks.html>

<http://www.science.fau.edu/biology/masters/masters.html>

<http://www.science.fau.edu/biology/masters/masters-faqs.html>

From: Carolina Clark
Sent: Monday, September 29, 2014 3:39 PM
To: William Brooks
Cc: John Newcomer; David Bjorkman; Russell Ivy; Michelle Cavallo; Marc Kantorow; Rodney Murphey; Kenneth Dawson Scully; David Binninger; Colin Hughes; Dale Gawlik; Carolina Clark; Marc Kantorow; Andrew Oleinikov
Subject: Re: Biology Department Feedback on COM New Course Proposals-WE NEED A LETTER

Dear Randy,

Thanks so much for your help and quick turn around time. We will go ahead and submit all 4 courses to the UGPC noting the concerns about Advanced Mol and Cel Biology course. We will also contact the instructor Dr. Oleinikov to obtain additional information distinguishing this course from the undergraduate molecular biology course that we will forward you as soon as we receive it.

Thank you again for your help and consideration.

Sincerely,

Marc.

From: William Brooks <wbrooks@fau.edu>

Date: Monday, September 29, 2014 at 2:59 PM

To: Marc Kantorow <mkantorow@fau.edu>

Cc: John Newcomer <jnewcomer@fau.edu>, David Bjorkman <dbjorkm1@health.fau.edu>, Russell Ivy <IVY@fau.edu>, Michelle Cavallo <MCAVALLO@fau.edu>, Marc Kantorow <mkantorow@fau.edu>, Carolina Clark <cclarkc@fau.edu>, Rodney Murphey <RMURPHEY@fau.edu>, Kenneth Dawson Scully <kdawsons@fau.edu>, David Binninger <binninge@fau.edu>, Colin Hughes <Chughe@fau.edu>, Dale Gawlik <dgawlik@fau.edu>, William Brooks <wbrooks@fau.edu>

Subject: RE: Biology Department Feedback on COM New Course Proposals-WE NEED A LETTER

Hi Marc,

I thought it best if I communicate with you directly. First, Biology appreciates your quick turn-around on the new course proposals we sent your college. We, similarly, have tried to solicit our faculty to reply quickly. We received completed new course proposals from Biomed on Wednesday of last week and immediately sent them out to all potentially interested faculty. Although we did not get some responses (thus, the "no response" notation on the comments list), some comments requiring a response were made for the Advanced Molecular and Cellular Biology course - the remaining courses were fine (i.e., approved) as submitted.

We were asked by your program to reply quickly so that an Oct. 1st deadline of submitting your new courses to the University Programs Committee (UPC) could be met. So, again, we did our best in getting responses. I believe the questions raised can be addressed by the Biomed faculty who plan on teaching Advanced Molecular and Cellular Biology. However, I'm not sure if this can be done with only 48 hours left with your deadline. You "might" be able to go ahead and submit all of the courses to the UPC with the proviso that

additional comments may come in afterwards (again, I am not sure about this). In any case, the UPC will want these concerns brought up by some of our faculty to be clarified before they can be approved. We certainly know this can be inconvenient as one of the courses we recently sent your program was flagged by another college. Before we can move forward on that course, we will need to address their concerns. So please forward responses to our specific comments about Advanced Molecular and Cellular Biology to us (mcavallo@fau.edu & wbrooks@fau.edu). We will then immediately make sure the responses get to our faculty who raised the questions, and in turn ask for an immediate response back from them.

Clearly the system of course approvals has its requirements that are at times tedious. But we certainly want to help your program moving forward as you have done for us.

Cheers,
Randy Brooks

**Professor of Biology
Chair, FAU Biology Undergraduate & MS Graduate Program Committees
Boca Raton, FL 33431, Phone: 561-297-3888, Email: wbrooks@fau.edu**

<http://www.science.fau.edu/biology/faculty/wbrooks.html>

<http://www.science.fau.edu/biology/masters/masters.html>

<http://www.science.fau.edu/biology/masters/masters-faq.html>

From: Carolina Clark
Sent: Monday, September 29, 2014 2:12 PM
To: William Brooks
Cc: John Newcomer; David Bjorkman; Russell Ivy; Michelle Cavallo; Marc Kantorow; Rodney Murphey
Subject: Re: Biology Department Feedback on COM New Course Proposals-WE NEED A LETTER

Dear Dr. Brooks,

Dr. Kantorow would really appreciate getting your response on the issues below.

Thanking you in advance for your assistance.

Carolina

From: Rodney Murphey <RMURPHEY@fau.edu>

Date: Monday, September 29, 2014 at 1:50 PM

To: Marc Kantorow <mkantoro@fau.edu>, Michelle Cavallo <MCAVALLO@fau.edu>

Cc: Carolina Clark <clarkc@fau.edu>, John Newcomer <jnewcomer@fau.edu>, David Bjorkman <dbjorkm1@health.fau.edu>, Russell Ivy <IVY@fau.edu>, William Brooks <wbrooks@fau.edu>

Subject: Re: Biology Department Feedback on COM New Course Proposals-WE NEED A LETTER

Marc,

Please contact Dr Brooks Professor of Biology the Graduate Program Committee Chair. He handles these issues for Biology.

Cheers,

Rod

From: Marc Kantorow <mkantoro@fau.edu>

Date: Monday, September 29, 2014 1:23 PM

To: Michelle Cavallo <MCAVALLO@fau.edu>

Cc: Carolina Clark <clarkc@fau.edu>, John Newcomer <jnewcomer@fau.edu>, David Bjorkman <dbjorkm1@health.fau.edu>, rmurphey <rmurphey@fau.edu>, Russell Ivy <IVY@fau.edu>

Subject: Re: Biology Department Feedback on COM New Course Proposals-WE NEED A LETTER

Michelle-Thanks for the individual faculty votes. Does this constitute course approval? Could we get a letter from Dr. Brooks approving the courses as we provided for your courses? I think that is what the university graduate program committee needs.

Thanks,

Marc

Marc Kantorow, Ph.D.

Professor and Director of Graduate Programs

Schmidt College of Medicine

777 Glades Rd. BC71 RM202

Florida Atlantic University

Boca Raton, FL 33431

561-297-2910 (office)

561-297-3806 (lab)

mkantoro@fau.edu

From: Michelle Cavallo <MCAVALLO@fau.edu>

Date: Monday, September 29, 2014 at 1:15 PM

To: Keith Brew <KBREW@fau.edu>

Cc: William Brooks <wbrooks@fau.edu>, Rodney Murphey <RMURPHEY@fau.edu>, marc kantorow <mkantoro@fau.edu>, John Newcomer <jnewcomer@fau.edu>, David Bjorkman

<dbjorkm1@health.fau.edu>, John Baldwin <jbaldwin@fau.edu>, Colin Hughes <Chughe@fau.edu>, David

Binninger <binninge@fau.edu>, Xing-hai Zhang <xhzhang@fau.edu>, Kailiang Jia <kjia@fau.edu>, John

Nambu <jnambu@fau.edu>, Timothy Theisen <TTHEISEN@fau.edu>, Diane Baronas-Lowell

<dlowell@fau.edu>, Tanja Godenschwege <godensch@fau.edu>, Gregory Macleod <macleodg@fau.edu>,

"M.J. Saunders" <msaund11@fau.edu>, "ken.dawson-scully@fau.edu" <ken.dawson-scully@fau.edu>,

Brenda Claiborne <bclaibor@fau.edu>, James Kumi-Diaka <jdiaka@fau.edu>, James Hartmann

<jhartman@fau.edu>

Subject: Biology Department Feedback on COM New Course Proposals

Dear Dr. Brew,

Thank you for sending College of Medicine's new course proposals for review by the Biology Department. Please see the below itemized feedback provided by our faculty who teach related courses.

Sincerely,

Randy Brooks,
Professor and Biology Graduate Program Committee Chair

1. Human Genetics

a. Sent to:

- i. **John Baldwin** – no response
- ii. **Colin Hughes** – no response
- iii. **David Binninger** – While a few topics overlap with courses in our department, it is not sufficient to recommend that the *Human Genetics* course not be submitted. This is especially true because the proposed course is a graduate level course. I think it will be an excellent course for a number of our graduate students. Please let me know if you have questions or need a more detailed explanation.
- iv. **Xing-hai Zhang** – response: Regarding college of medicine's new courses, I don't see any conflict for "Human genetics", which focuses on human diseases.
- v. **Kailiang Jia** – no response
- vi. **John Nambu** – no response
- vii. **Timothy Theisen** – no response
- viii. **Diane Baronas-Lowell** – response: Please give my vote to whatever David votes.
- ix. **Tanja Godenschwege** – no response
- x. **Gregory Macleod** – no response

2. Advanced Molecular and Cellular Biology

a. Sent to:

- i. **John Baldwin** – no response
- ii. **Colin Hughes** – no response
- iii. **David Binninger** – no response
- iv. **Xing-hai Zhang** - response: Regarding college of medicine's new courses, I don't see any conflict for "Human genetics", which focuses on human diseases. But for "Advanced Mol, Cell Biology", its content is very similar to what we teach in "Genetics" and will be even more similar to our proposed "Molecular Genetics" (per Colin Hugues). It would be OK if we don't offer graduate level Genetics, Molecular Genetics or Mol Cell Biology courses, only undergrad courses.
- v. **Kailiang Jia** – no response
- vi. **John Nambu** – no response
- vii. **Timothy Theisen** – response: I have reviewed that attached document describing the proposed new course, Advanced Cellular and Molecular Biology, and have the following comments: 1) Their proposed course as described will be different than our undergraduate Molec and Cell course in that it will focus on human physiology, human disease, and potential therapies, topics which are not covered in the undergraduate biology course. 2) Their characterization of our undergraduate Molec and Cell course as a "general introductory course" is inaccurate. We also focus on understanding the physical-chemical basis of biological processes and cell function and the role of evolutionary processes in

Dear Dr. [Name]

Thank you for sending College of Medicine's new course proposal for review to the Biology Department. Please see the below limited feedback provided by our faculty with each related course.

Sincerely,

Professor and Biology Graduate Program Coordinator, [Name]

II. Human Genetics

Course:

- i. Human Genetics - no response
- ii. Cell Biology - no response
- iii. Cell Biology - Within the topics of cell and tissue biology, our department is not subject to recommend that the Human Genetics course not be submitted. This is especially true because it is a graduate level course. I think it will be an excellent course for the students of our department. Please let me know if you have questions or need a more detailed explanation.
- iv. Molecular Biology - request regarding college of medicine's new courses. I don't see any conflict for "Human Genetics", which focuses on human diseases.
- v. Cell Biology - no response
- vi. Cell Biology - no response
- vii. Molecular Biology - no response
- viii. Cell Biology - request. Please give my vote to William David Jones.
- ix. Cell Biology - no response
- x. Cell Biology - no response

III. Molecular and Cellular Biology

Course:

- i. Human Genetics - no response
- ii. Cell Biology - no response
- iii. Cell Biology - no response
- iv. Molecular Biology - request regarding college of medicine's new courses. I don't see any conflict for "Human Genetics", which focuses on human diseases. But for "Advanced Mol. Cell Biology", the content is very similar to what we teach in "Genetics", and will be even more similar to our proposed "Molecular Genetics" (per Cell Biology). It would be OK if we don't offer graduate level Genetics. Molecular Genetics of Mol. Cell Biology courses only undergraduate courses.
- v. Cell Biology - no response
- vi. Cell Biology - no response
- vii. Molecular Biology - request. I have reviewed that course document and have the following proposed new course, Advanced Cellular and Molecular Biology, and have the following comment: This proposed course as described will be different than our undergraduate Mol. Cell Biology course in that it will focus on human genetic diseases and general topics which are covered in the undergraduate biology course. I think characterization of our undergraduate Mol. Cell course as a "general molecular biology course" is accurate. We also focus on understanding the physical-chemical basis of biological processes and cell function and the role of evolutionary processes.

shaping these interactions. However, we only barely relate these to human pathology or potential therapies. 3) We only barely discuss cancers and do not cover immunology at all, so these are clear points of difference. 4) I am a little curious as to why the syllabus does not reflect these different topics; as it currently reads it is pretty much identical to the undergrad Molec and Cell course, except for the time devoted to student presentations. In conclusion, because the course is designed to cover Molec and Cell with an emphasis on its role in human physiology and disease and possible therapies, I feel that it is sufficiently different than the course currently offered by the biology department. If it is, in fact meant to be an advanced course then I would think an undergraduate Molec and Cell course (taken at FAU or wherever their undergrad degree was earned) would be a mandatory pre-req, not merely a suggestion. Otherwise the course will end up spending a lot of time on review.

- viii. **Diane Baronas-Lowell** – no response
- ix. **Tanja Godenschwege** – response: Not only significantly but totally, with mine and Tim Theissens MCB course as we even use the same textbook. However ours is for undergraduates but theirs is supposed to be for graduates ? Not sure if that makes any difference??
- x. **Gregory Macleod** – response: Seems like their Cell Bio course would overlap significantly with your existing Mol Cell Bio course
- xi. **M.J. Saunders** – no response

3. Neurobiology of Addiction

- a. Sent to:
 - i. **Rodney Murphey**
 - ii. **Tanja Godenschwege** – no response
 - iii. **Ken Dawson-Scully** - I don't have an issues with the proposed course Neurobiology of Addiction. On the contrary I think it will be an excellent addition to the Neuroscience curriculum at FAU.
 - iv. **Brenda Claiborne** – This course looks fine to me.

4. Immunology Seminar

- a. **James Kumi-Diaka** – response: I have just reviewed the College of Medicine's new course proposal in immunology. This course is technically an Immunology Seminar Course at the 5000 level. One would expect a prerequisite for this Seminar; but that is up to the College of Medicine I do not see any conflict with our immunology course – PCB 4233; which is a full upper level course. I suggest they may go ahead and offer the seminar: MY OPINION
- b. **James Hartmann** – response: The biomed seminar in Immunology appears to be different from any Immunology course offerings in biology. I believe this is a formal course to replace the informal seminar series that I have attended in the past.

Michelle Cavallo
Administrative Assistant & Graduate Coordinator
Department of Biological Sciences
Florida Atlantic University
777 Glades Road
Boca Raton, FL 33431
PH: 561-297-0384

